

# Product Catalogue / Ürün Katalođu

**EP** *erat*<sup>®</sup>



[www.erat.com.tr](http://www.erat.com.tr)

# ABOUT US

ERAT, one of Turkey's leading Fiber Optic Cable, Data Lan Cable and Accessory manufacturers, was established in 1998 to perform Fiber Optic cable assembly and additional assembly. As of 2005, ERAT produces high quality products by making technological investments in the production of fiber optic cables, fiber optic interconnection equipment and accessories, as well as Data Lan cables and Data Lan accessories. Production is carried out in integrated facilities on an area of 14,000 m<sup>2</sup> by an expert team, using the latest technological machines and production methods. ERAT, which is one of the cornerstones of the fiber infrastructure in our country with its experience of more than 26 years and the high quality products it offers, has become a respected brand preferred in more than 50 countries

## HAKKIMIZDA

Türkiye'nin önde gelen Fiber Optik Kablo, Data Lan Kablo ve Aksesuar üreticilerinden biri olan ERAT, 1998 yılında Fiber optik kablo montajı ve ek montajı yapmak amacıyla kurulmuştur. ERAT, 2005 yılı itibarıyla fiber optik kablolar, fiber optik ara bağlantı ekipmanları ve aksesuarlarının üretimini yanı sıra Data Lan kabloları ve Data Lan aksesuarlarının üretimine yönelik teknolojik yatırımlar yaparak yüksek kalitede ürün üretmektedir.

Uzman bir ekip tarafından , en son model teknolojik makineler ve üretim yöntemleri kullanılarak 14.000 m<sup>2</sup> alandaki entegre tesislerde üretim yapılmaktadır. 26 yılı aşkın tecrübesi ve sunmuş olduğu yüksek kaliteli ürünler ile ülkemizde fiber altyapısının temel taşlarından biri olan ERAT, 50'yi aşkın ülkede tercih edilen saygın bir marka haline gelmiştir





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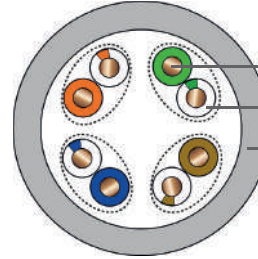
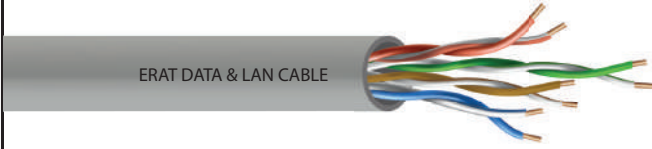


# **DATA / LAN CABLES AND ACCESSORIES**

# DATA & LAN CABLE CAT 5E SERIES

## ERAT DATA & LAN CABLE

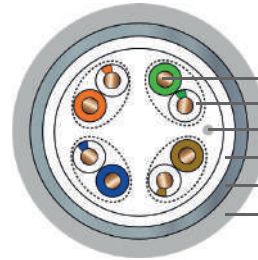
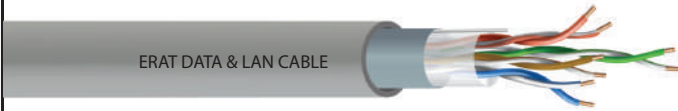
## Cable Type: CAT 5e U/UTP



- Copper Conductor
- PE Insulation
- Outer Jacket

## ERAT DATA & LAN CABLE

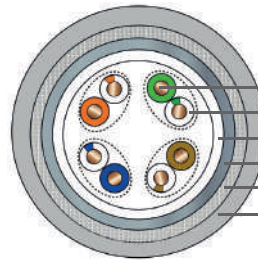
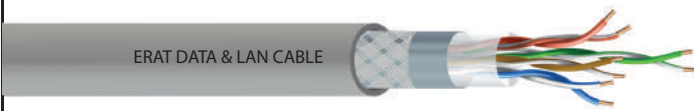
## Cable Type: CAT 5e F/UTP



- Copper Conductor
- PE Insulation
- Drain Wire
- Polyester Tape
- Aluminum Foil
- Outer Jacket

## ERAT DATA & LAN CABLE

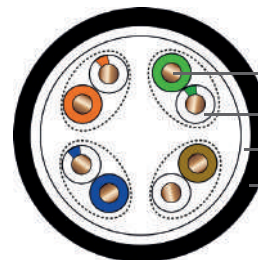
## Cable Type: CAT 5e SF/UTP



- Copper Conductor
- PE Insulation
- Polyester Tape
- Aluminum Foil
- Copper Braid
- Outer Jacket

## ERAT DATA & LAN OUTDOOR CABLE

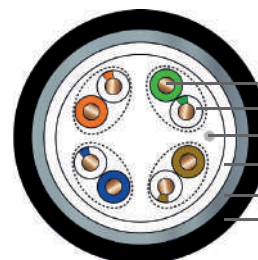
## Cable Type: CAT 5e U/UTP



- Copper Conductor
- PE Insulation
- Polyester Tape
- Outer Jacket

## ERAT DATA & LAN OUTDOOR CABLE

## Cable Type: CAT 5e F/UTP



- Copper Conductor
- PE Insulation
- Drain Wire
- Polyester Tape
- Aluminum Foil
- Outer Jacket

We reflect our energy on

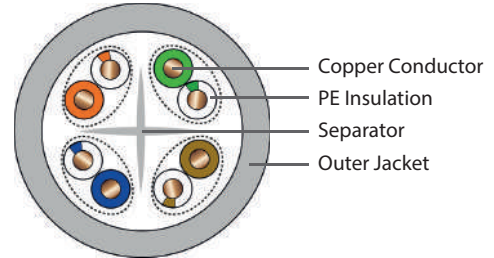
*quality production*



# DATA & LAN CABLE CAT 6 SERIES

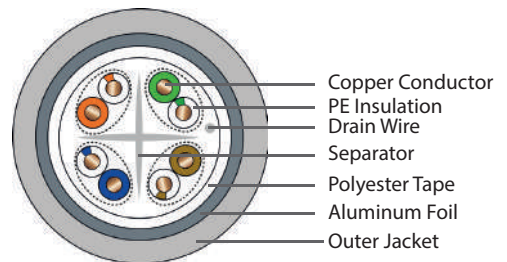
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**Cable Type: CAT 6 U/UTP**



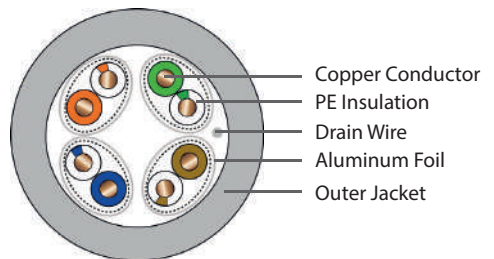
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**Cable Type: CAT 6 F/UTP**



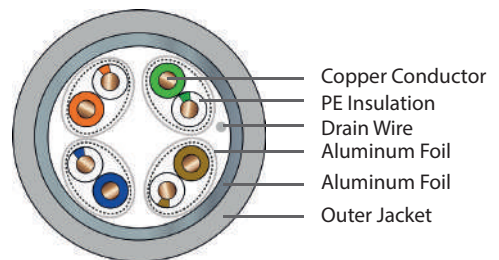
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**Cable Type: CAT 6 U/FTP**



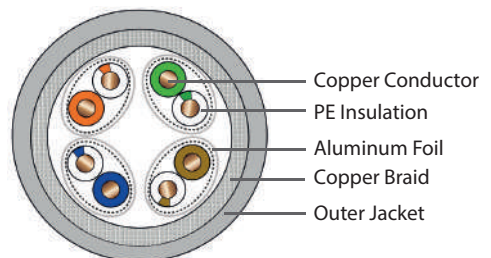
**ERAT DATA & LAN CABLE**

**Cable Type: CAT 6 F/FTP**



**ERAT DATA & LAN CABLE**

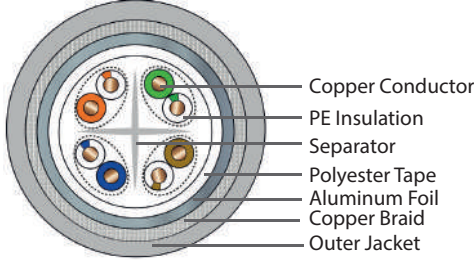
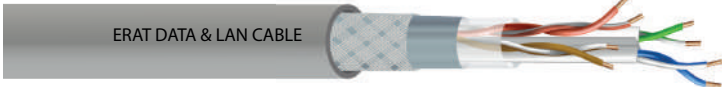
**Cable Type: CAT 6 S/FTP**



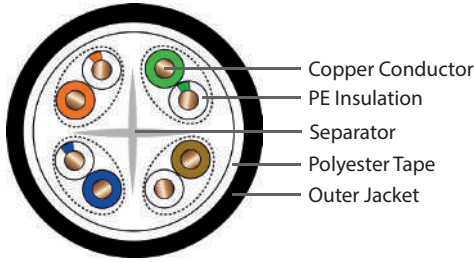


# DATA & LAN CABLE CAT 6 SERIES

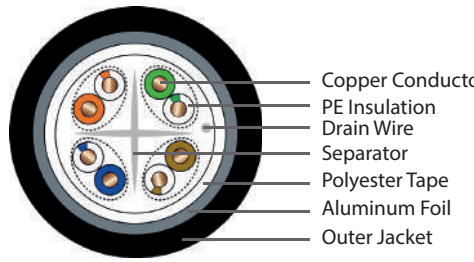
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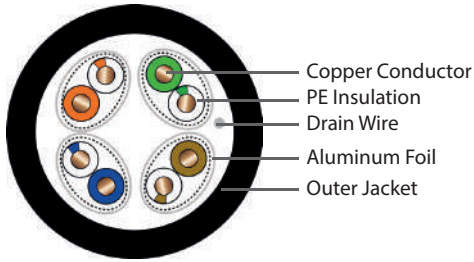
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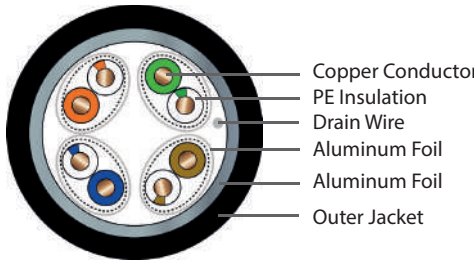
**ERAT DATA & LAN OUTDOOR CABLE** **Cable Type: CAT 6 F/UTP**



**ERAT DATA & LAN OUTDOOR CABLE** **Cable Type: CAT 6 U/FTP**



**ERAT DATA & LAN OUTDOOR CABLE** **Cable Type: CAT 6 F/FTP**

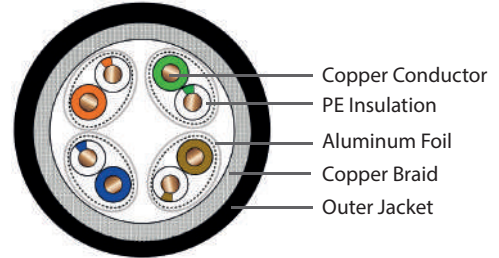




# DATA & LAN CABLE CAT 6 SERIES

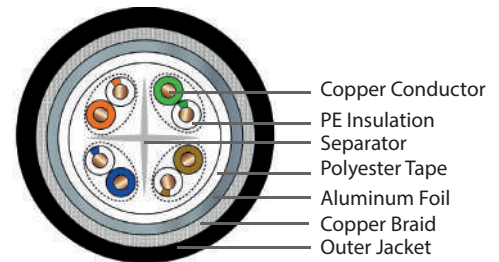
ERAT DATA & LAN OUTDOOR CABLE

Cable Type: CAT 6 S/FTP



ERAT DATA & LAN OUTDOOR CABLE

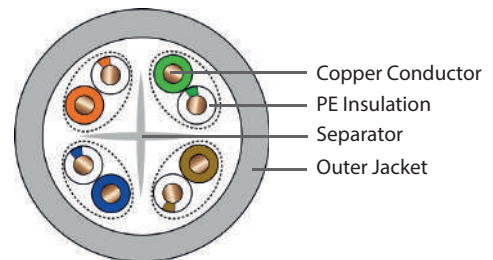
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# Data & Lan Cable CAT 6E SERIES

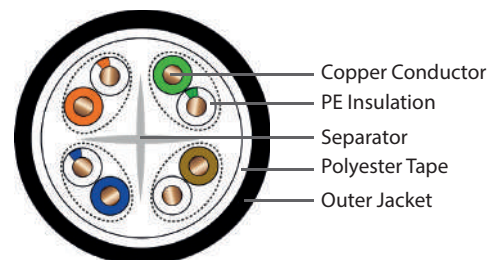
ERAT DATA & LAN CABLE

Cable Type: CAT 6E U/UTP



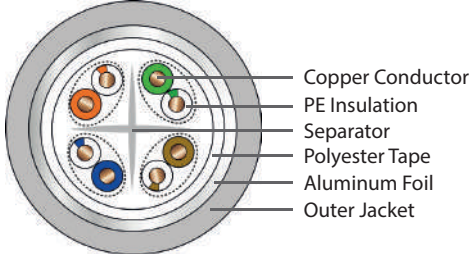
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Cable Type: CAT 6E U/UTP

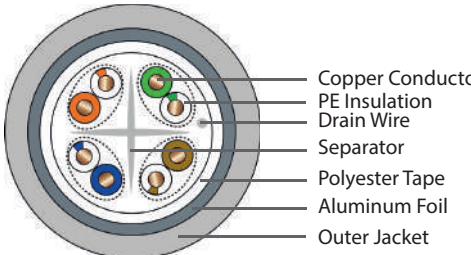


# DATA & LAN CABLE CAT 6A SERIES

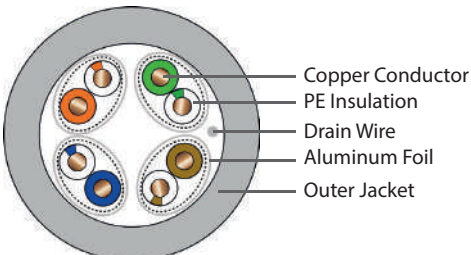
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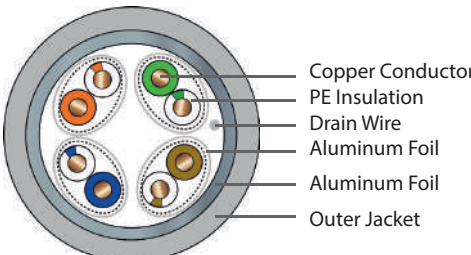
**ERAT DATA & LAN CABLE** **Cable Type: CAT 6A F/UTP**



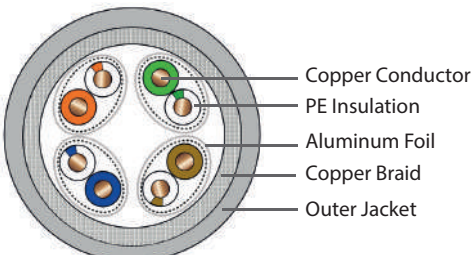
**ERAT DATA & LAN CABLE** **Cable Type: CAT 6A U/FTP**



**ERAT DATA & LAN CABLE** **Cable Type: CAT 6A F/FTP**

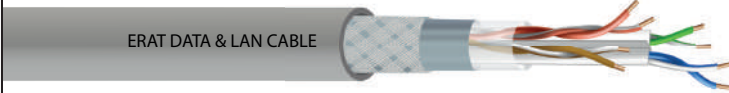


**ERAT DATA & LAN CABLE** **Cable Type: CAT 6A S/FTP**

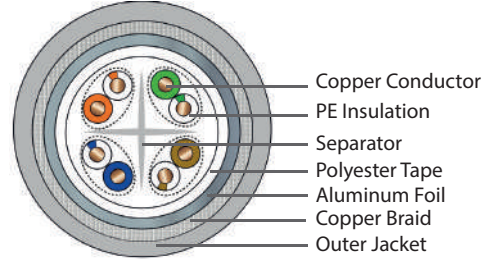


# DATA & LAN CABLE CAT 6A SERIES

## ERAT DATA & LAN CABLE



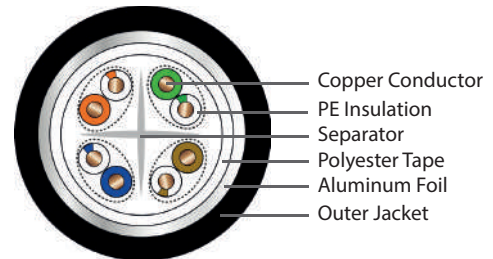
## CAT 6A SF/UTP



## ERAT DATA & LAN OUTDOOR CABLE



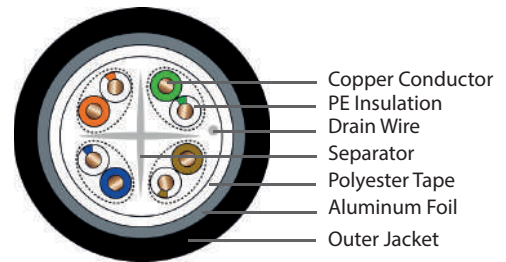
## Cable Type: CAT 6A U/UTP



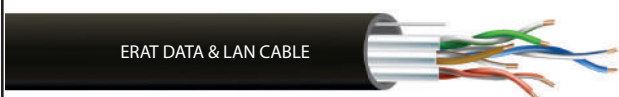
## ERAT DATA & LAN OUTDOOR CABLE



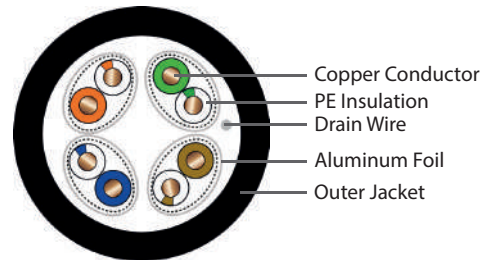
## Cable Type: CAT 6A F/UTP



## ERAT DATA & LAN OUTDOOR CABLE



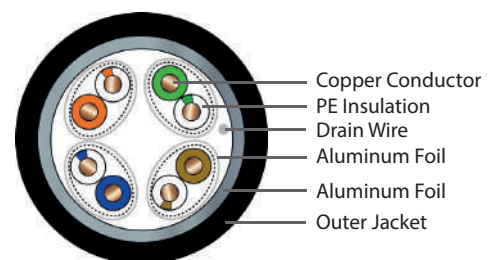
## Cable Type: CAT 6A U/FTP



## ERAT DATA & LAN OUTDOOR CABLE



## Cable Type: CAT 6A F/FTP

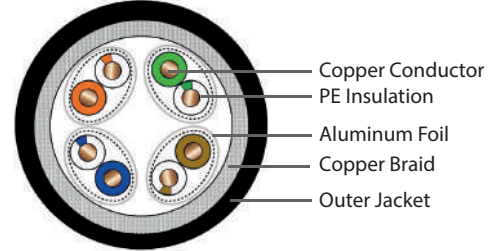




# DATA & LAN CABLE CAT 6A SERIES

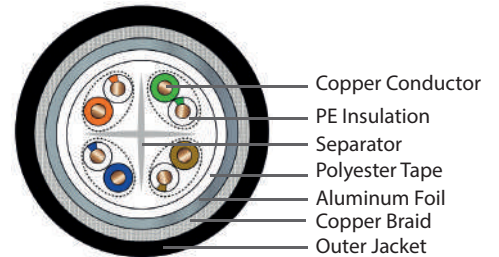
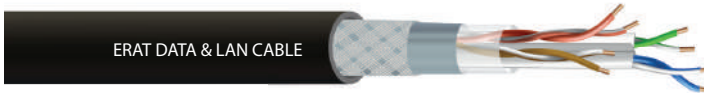
## ERAT DATA & LAN OUTDOOR CABLE

## Cable Type: CAT 6A S/FTP



## ERAT DATA & LAN OUTDOOR CABLE

## Cable Type: CAT 6A SF/UTP



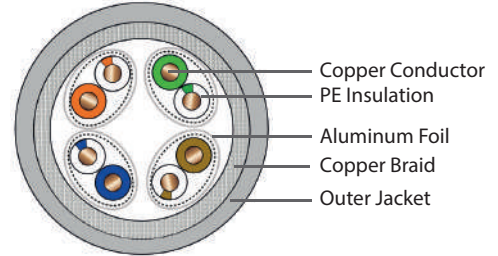
**You are Always Safe**  
*With Erat Cable*



# DATA & LAN CABLE CAT 7 SERIES

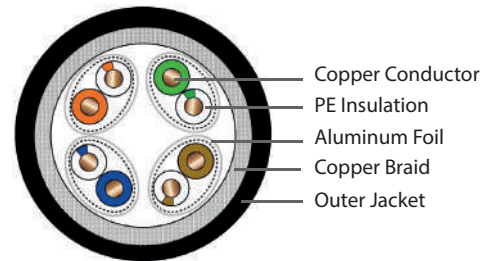
## ERAT DATA & LAN CABLE

## Cable Type: CAT 7 S/FTP



## ERAT DATA & LAN OUTDOOR CABLE

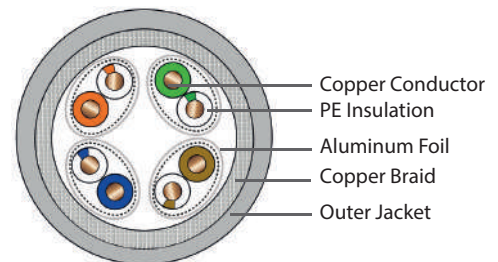
## Cable Type: CAT 7 S/FTP



# Data & Lan Cable CAT 7A SERIES

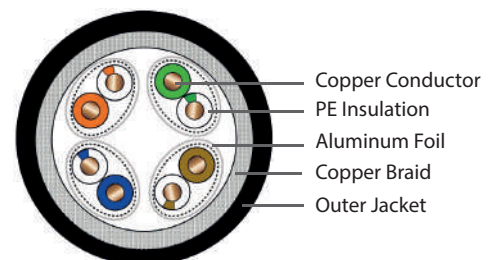
## ERAT DATA & LAN CABLE

## Cable Type: CAT 7A S/FTP



## ERAT DATA & LAN OUTDOOR CABLE

## Cable Type: CAT 7A S/FTP



# DATA & LAN CABLE ACCESSORIES

ERAT CAT 6 U/UTP 24 AWG Data Patch Cord



ERAT CAT 6A S/FTP 26 AWG Data Patch Cord



ERAT CAT 6 U/UTP 28 AWG Slim Data Patch Cord



ERAT CAT 6A S/FTP 28 AWG Slim Data Patch Cord



CAT 6 UTP RJ-45 Patch Panel



CAT 6A FTP RJ-45 Patch Panel



Erat Cat 6 UTP RJ-45 Keystone Jack



Erat Cat 6A FTP RJ-45 Keystone Jack



22,5x45 Face Plate Module



RJ-45 Surface Mount Box





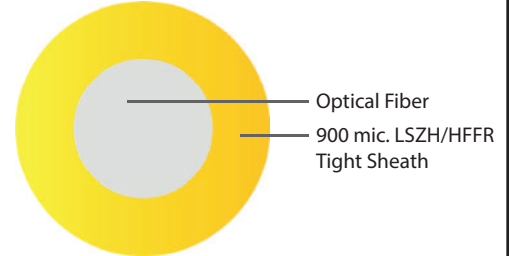


# **FIBER OPTIC CABLES AND ACCESSORIES**

# FIBER OPTIC CABLE TIGHT BUFFER CABLES

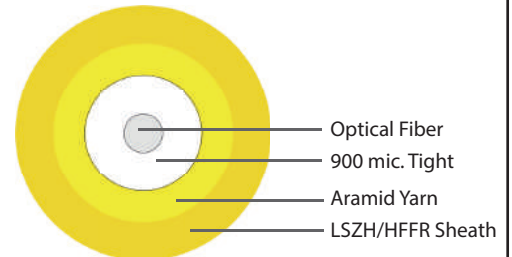
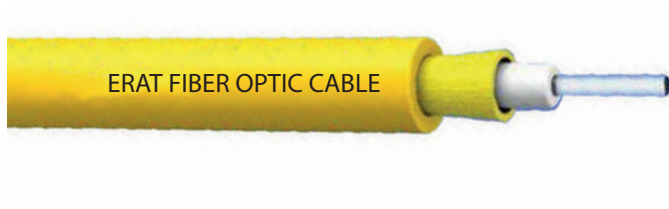
## Tight Fiber Optik Cable

Product Code: JV-H



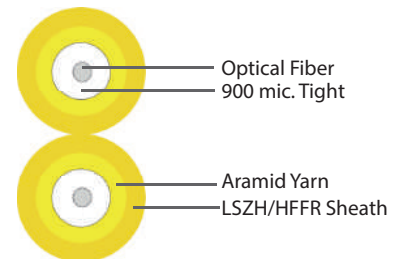
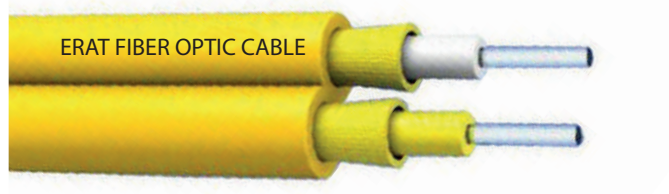
## Simplex Zipcord Fiber Optic Cable

Product Code: I-V(ZN)H 1x1



## Dublex Zipcord Fiber Optic Cable

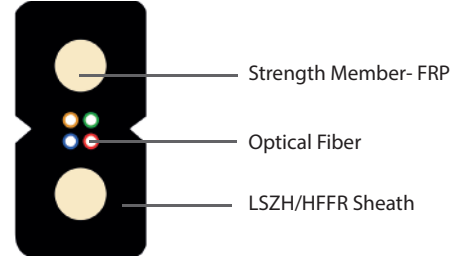
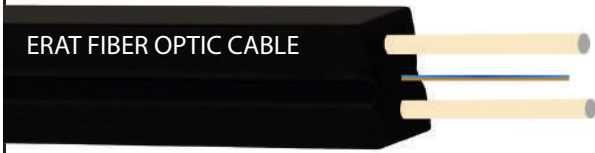
Product Code: I-V(ZN)H 2x1



# FIBER OPTIC CABLE DROP CABLES

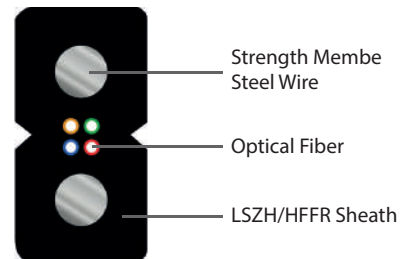
## FTTH Drop Fiber Optic Cable - FRP

Product Code: U-N(ZN)H



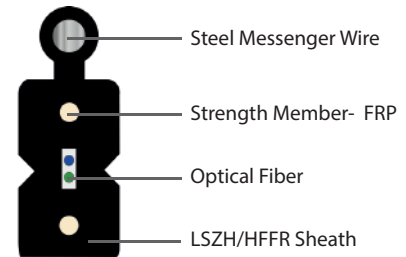
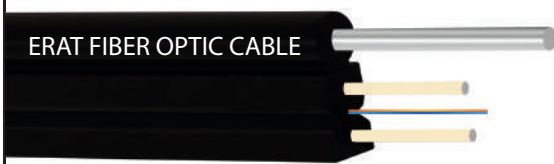
## FTTH Drop Fiber Optic Cable - SWA

Product Code: U-N(ZM)H



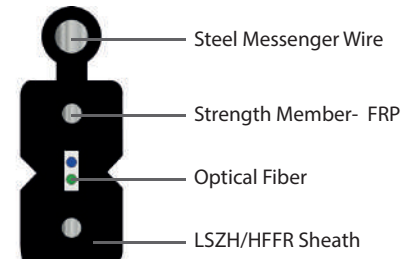
## FTTH Aerial Drop Fiber Optic Cable - FRP

Product Code: A-N(ZN)H-SH



## FTTH Aerial Drop Fiber Optic Cable - SWA

Product Code: A-N(ZM)H -SH

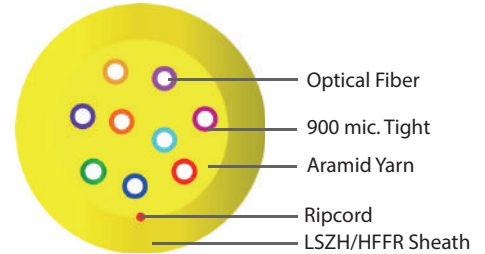




# FIBER OPTIC CABLE BREAKOUT CABLES

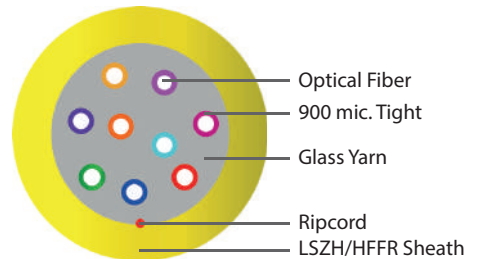
## Multi Tight Distribution Fiber Optic Cable

Product Code: IT-V(ZN)H



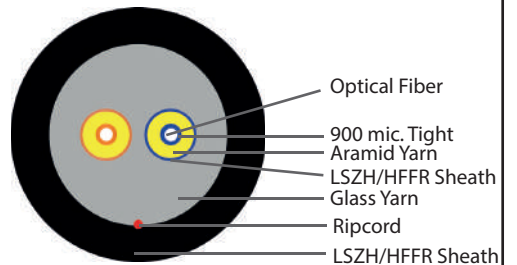
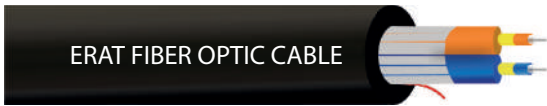
## Multi Tight Distribution Fiber Optic Cable

Product Code: IT-V(BN)H



## Breakout Indoor/Outdoor Fiber Optic Cable

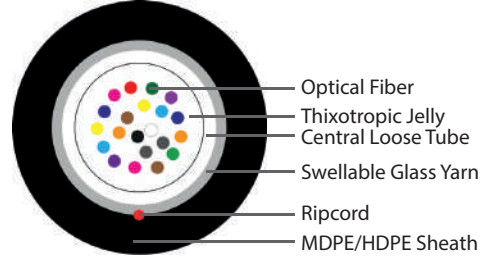
Product Code: AT-V(ZN)H(ZN)H



# SINGLE LOOSE TUBE CABLES

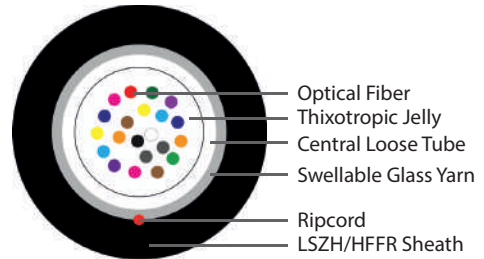
**SLT-SJNMA-PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)2Y**



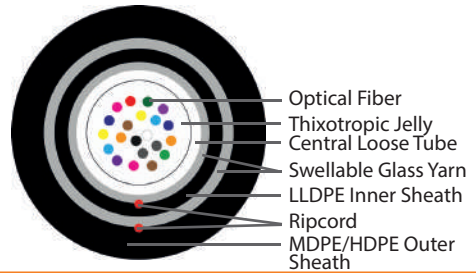
**SLT-SJNMA-LSZH/HFFR Fiber Optic Cable**

**Product Code: U-DQ(ZN)H**



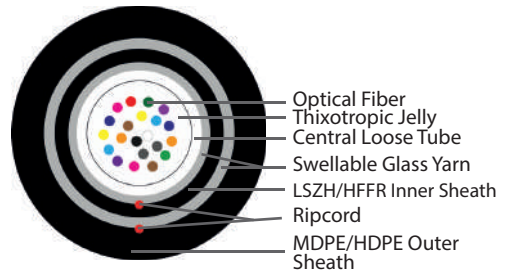
**SLT-DJNMA-PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)2Y(ZN)2Y**



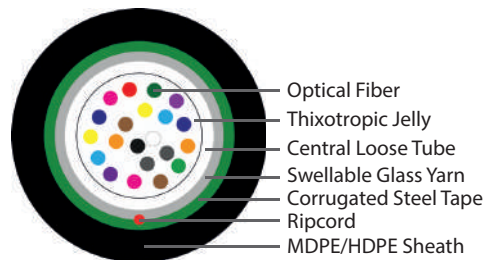
**SLT-DJNMA-LSZH/HFFR-PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)H(ZN)2Y**



**SLT-SJCSA- PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)(SR)2Y**

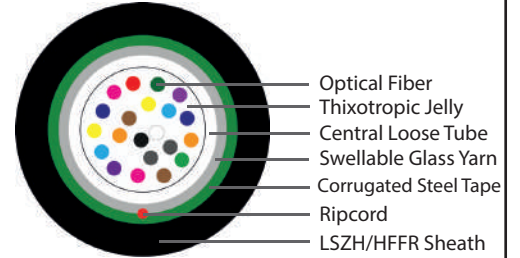


# FIBER OPTIC CABLE

## SINGLE LOOSE TUBE CABLES

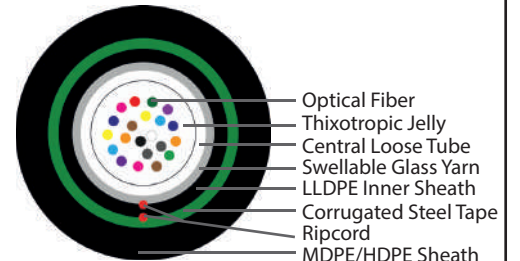
**SLT-SJCSA-LSZH/HFFR Fiber Optic Cable**

**Product Code: U-DQ(ZN)(SR)H**



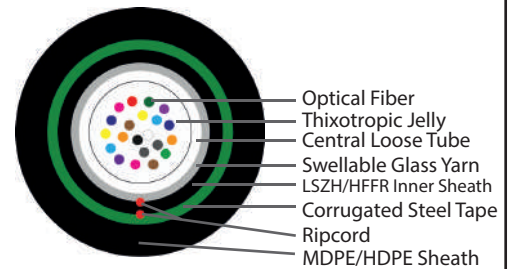
**SLT-DJCSA-PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)2Y(SR)2Y**



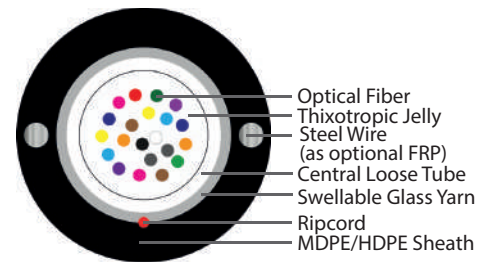
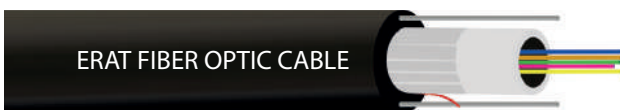
**SLT-DJCSA-LSZH/HFFR-PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)H(SR)H**



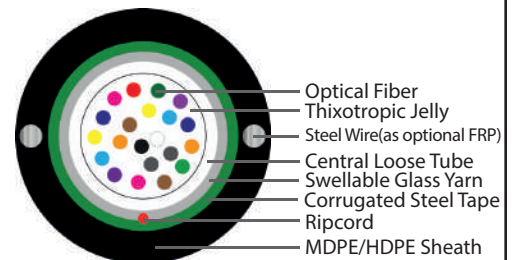
**SLT-SJNMA-SWR -PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)2Y**



**SLT-SJCSA-SWR -PE Fiber Optic Cable**

**Product Code: A-DQ(ZN)(SR)2Y**





# FIBER OPTIC CABLE

## SINGLE LOOSE TUBE CABLES

SLT-SJNMA-PE ADSS Fiber Optic Cable

Product Code: A-DQ(ZN)2Y

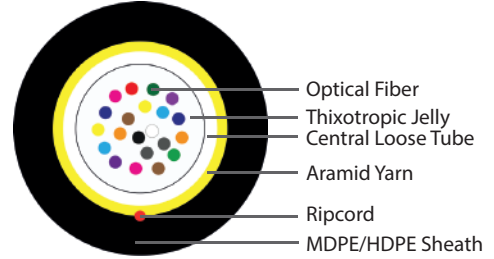


Figure 8 Type, SLT-SJNMA-PE Fiber Optic Cable

Product Code: A-DQ(ZN)T2Y

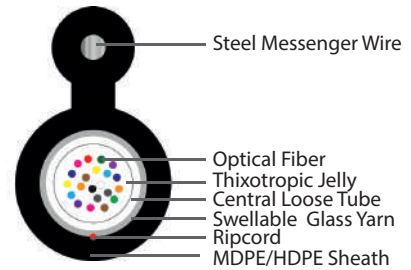
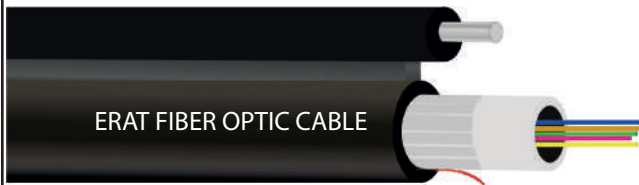


Figure 8 Type, SLT-SJCSA-PE Fiber Optic Cable

Product Code: A-DQ(ZN)(SR)T2Y

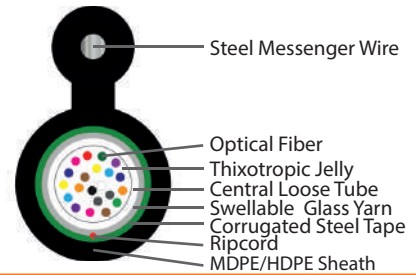


Figure 8 Type, SLT-SJNMA-PE Fiber Optic Cable

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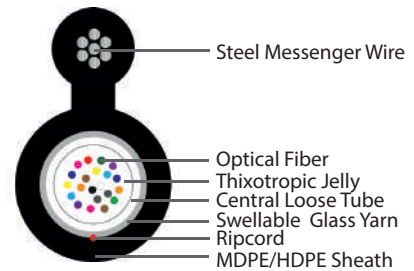
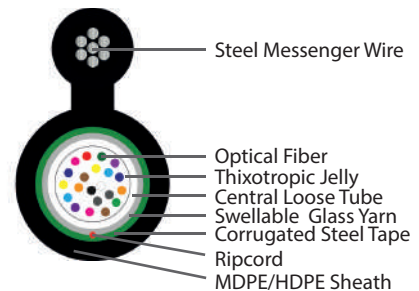
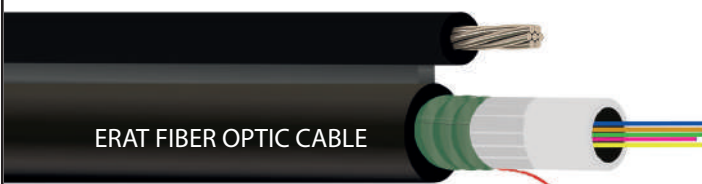


Figure 8 Type, SLT-SJCSA-PE Fiber Optic Cable

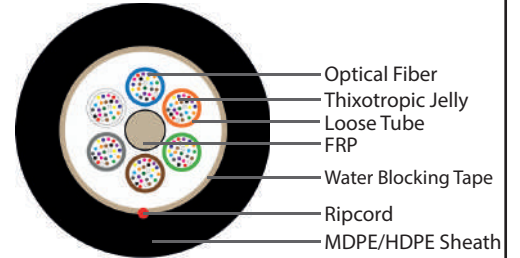
Product Code: A-DQ(ZN)(SR)T2Y



# FIBER OPTIC CABLE MULTI LOOSE TUBE CABLES

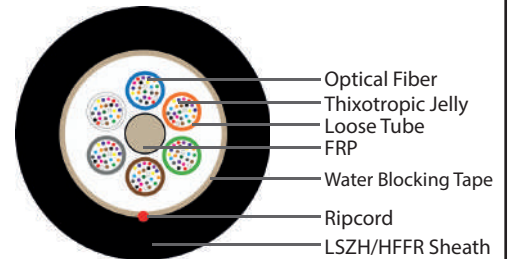
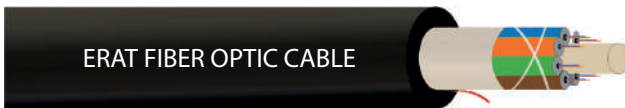
MLT - SJNMA - DRY - PE

Product Code: A-DQ2Y



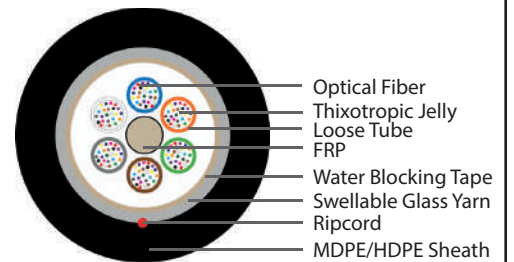
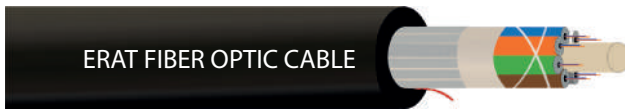
MLT - SJNMA - DRY - LSZH/HFFR

Product Code: U-DQH



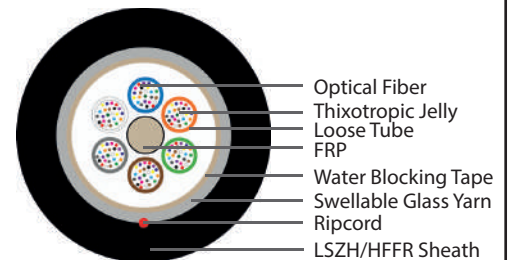
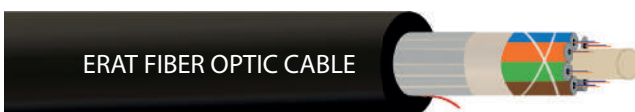
MLT - SJNMA - DRY - PE

Product Code: A-DQ(ZN)2Y



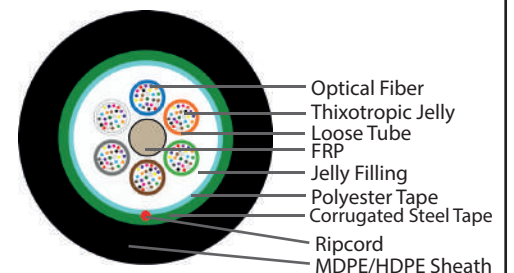
MLT - SJNMA - DRY - LSZH/HFFR

Product Code: U-DQ(ZN)H



MLT - SJCSA - JELLY - PE

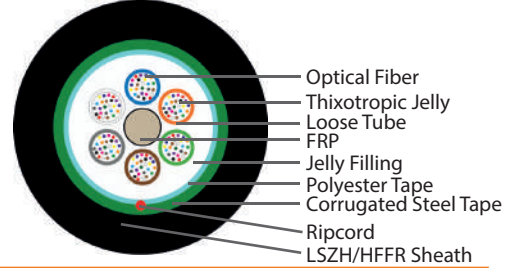
Product Code: A-DF(SR)2Y



# MULTI LOOSE TUBE CABLES

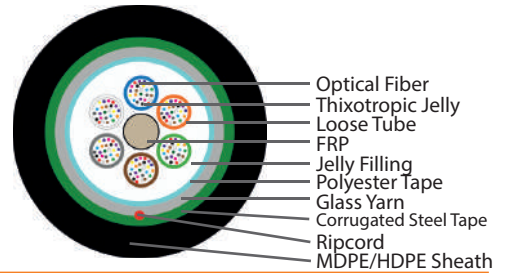
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Product Code: U-DF(SR)H



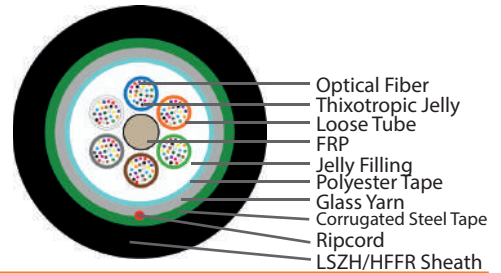
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Product Code: A-DF(ZN)(SR)2Y



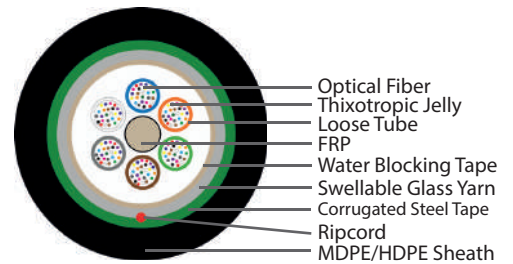
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Product Code: U-DF(ZN)(SR)H



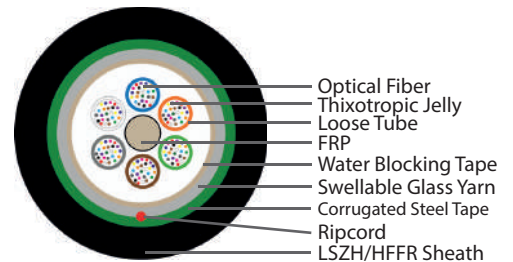
MLT - SJCSA- DRY - PE

Product Code: A-DQ(ZN)(SR)2Y



MLT - SJCSA- DRY - LSZH/HFFR

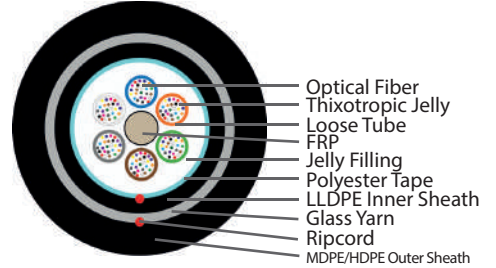
Product Code: U-DQ(ZN)(SR)H



# FIBER OPTIC CABLE MULTI LOOSE TUBE CABLES

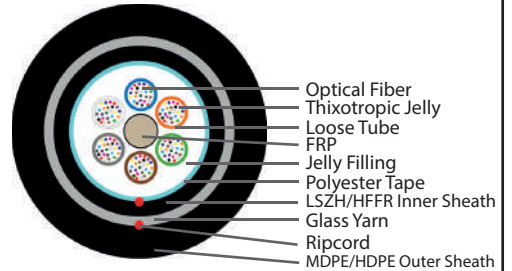
MLT - DJNMA - JELLY-PE

Product Code: A-DF2Y(ZN)2Y



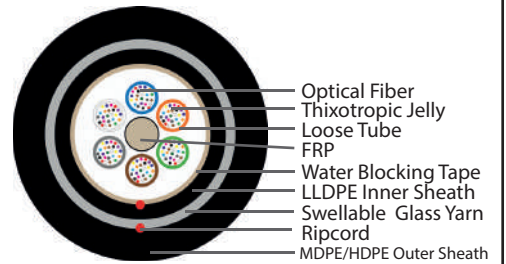
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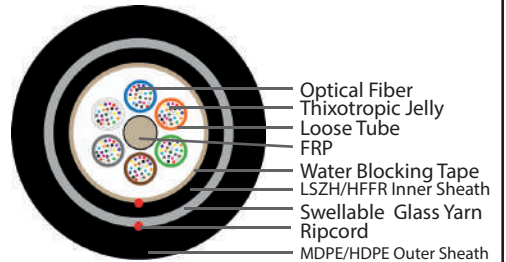
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Product Code: A-DQ2Y(ZN)2Y



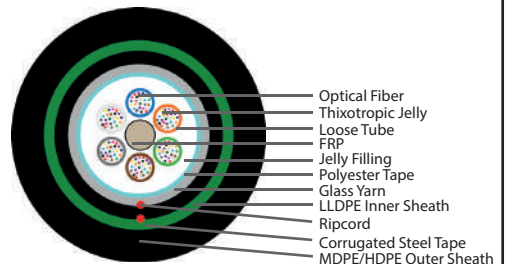
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Product Code: A-DQH(ZN)2Y



MLT - DJCSA - JELLY-PE

Product Code: A-DF(ZN)2Y(SR)2Y



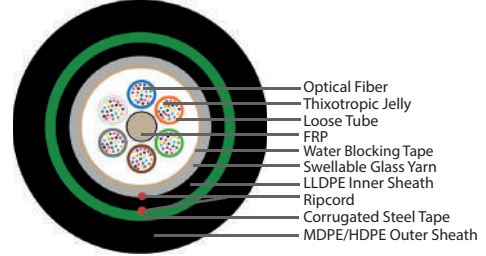


# FIBER OPTIC CABLE

## MULTI LOOSE TUBE CABLES

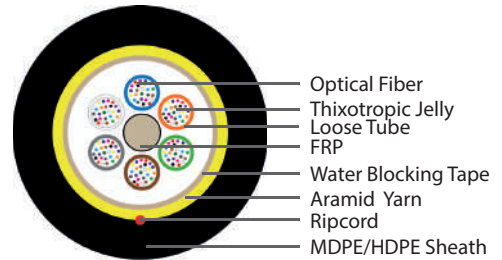
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Product Code: A-DQ(ZN)2Y(SR)2Y



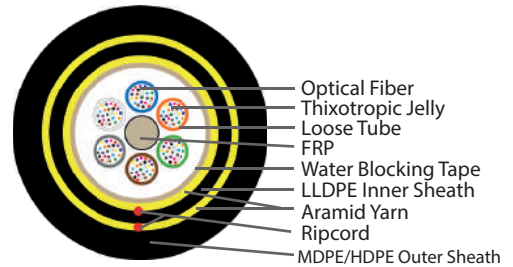
MLT - SJNMA- DRY - PE - ADSS

Product Code: A-DQ(ZN)2Y



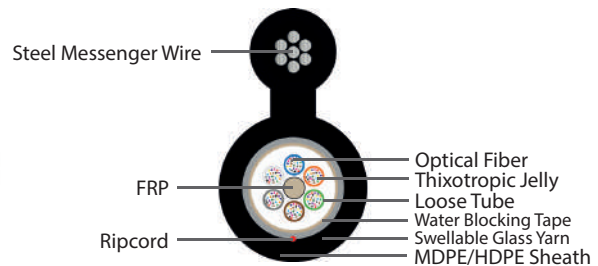
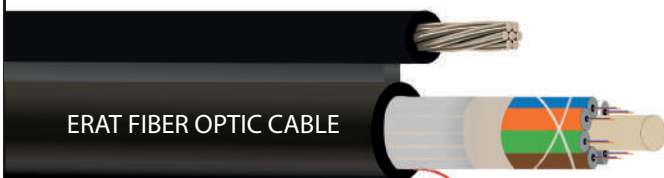
MLT - DJNMA - DRY-PE - ADSS

Product Code: A-DQ(ZN)2Y(ZN)2Y



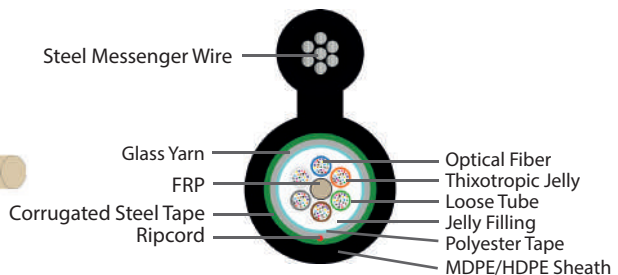
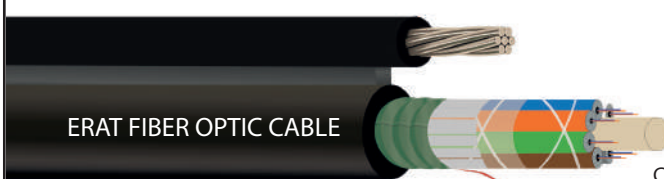
MLT - SJNMA AERIAL - DRY- PE

Product Code: A-DQ(ZN)T2Y



MLT - SJCSA AERIAL - JELLY- PE

Product Code: A-DF(ZN)(SR)T2Y



# PATCH PANELS

ERATSLIDE 1U PATCH PANEL SERIES



ERATSLIDE 1U FREEDOM PATCH PANEL SERIES



ERATSLIDE 2U PATCH PANEL SERIES



ERATSLIDE 2U FREEDOM PATCH PANEL SERIES



ERATSLIDE 3U PATCH PANEL SERIES



ERATSLIDE 3U FREEDOM PATCH PANEL SERIES



ERATBOX SMALL WALL MOUNT



ERATBOX MEDIUM WALL MOUNT



ERATBOX LARGE WALL MOUNT



# FIBER OPTIC SPLICE CLOSURE

Fiber Optic Splice Closure TYPE-1



Fiber Optic Splice Closure TYPE-2



Fiber Optic Splice Closure TYPE-3



Fiber Optic Splice Closure TYPE-4



# FIBER OPTIC CABLE ACCESSORIES

FTTH FAOC SC/APC - SC/UPC Fast Connector

FTTH FAOC LC/APC - LC/UPC Fast Connector



Erat Fiber Optic

Pigtail Series



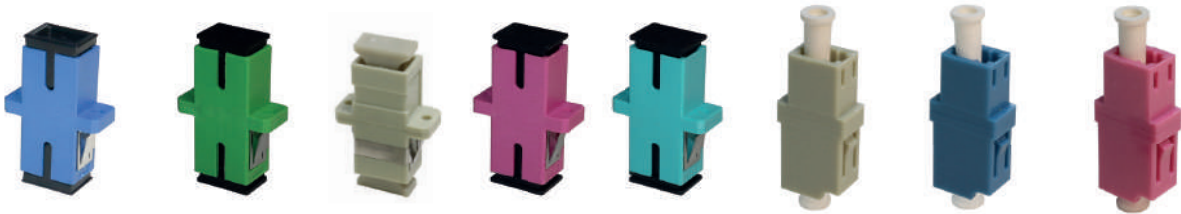
Erat Fiber Optic

Patch Cord Series



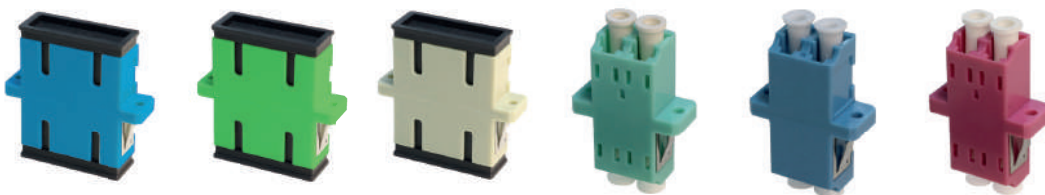
Erat Fiber Optic

Simplex Adapter Series



Erat Fiber Optic

Duplex Adapter Series





# ACCESSORIES

Fiber Optic Fusion Splicer - K33



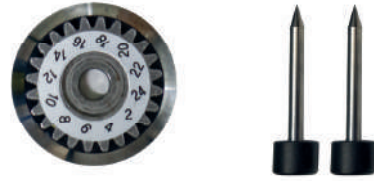
Fiber Optic Fusion Splicer - KF4



Fiber Cleaver



Blades & Splicer Electrodes



FTTx / Metro Mini OTDR Test Device



MTT Plus 410 OTDR Test Device



Optical Power Meter FX40



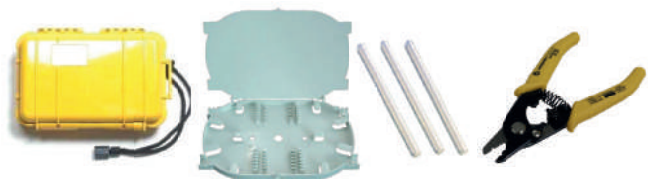
Optical Light Source FX45



Erat Visual Fault Locator (VFL)



Fiber Optic Products

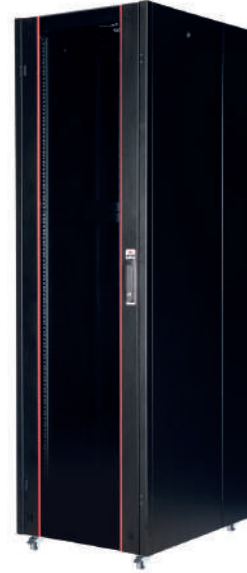


# CABINET SERIES CABINET & ACCESSORIES

Free Standing Cabinet Series



Free Standing Cabinet Series



Wall Mounting Cabinet Series



Outdoor Cabinet Series



Cabinet Accessory Series



Cabinet Accessory Series



# OPTICAL FIBER CABLE TYPE CODES

SLT	Single Loose Tube
MLT	Multi Loose Tube
SJ	Single Jacket
DJ	Double Jacket
ADSS	All Dielectric Self Supporting Cable
CSA	Corrugated Steel Armoured
NMA	Non Metallic Strength Member
IT	Dividable Indoor Cable
I	Indoor
U	Universal Cable
V	Tight Buffer
AT	Dividable Outdoor Cable
A-	Outdoor Cable
(BN)	Glass Yarn. non metalic
D	Loose buffer tube, filled
E	Single mode fiber
F	Filling compound in the cable core for filling of spaces in the cable core
FR	Cable with improved burning behaviour
...F...	Attenuation coefficient in dB/km and dispersion in ps/(nm.km) at a wavelength of 1310nm
G	Multi mode fiber
...H...	Attenuation coefficient in dB/km and dispersion in ps/(nm.km) at a wavelength of 1550nm
J-	Indoor cable
K	Slotted core
N	Fiber in central core tube without buffer
Nc	Non-corrosive smoke fumes
(L)	Laminated Aluminum sheath
LG	Stranded in layers
S	Metallic elements in the core
Q	Dry swellable material in the cable core (dry core)
(SG)	Armoring by laminated, smooth, longitudinal overlapped steel tape
(SR)	Armoring by laminated, corrugated, longitudinal overlapped steel tape
Y	Jacket or protective cover of polyvinyl chloride (PVC)
2Y	Jacket or protective cover of polyethylene (PE)
2H	Jacket or protective cover of Halogen free flame retardant sheath (LSOH)
4Y	Jacket or protective cover of polyamide (PA)
(ZM)	Metallic anti-buckling and strength members
(ZN)	Non-metallic anti-buckling and strength members
(...ZN)	Number of non-metallic anti buckling and strength members in the jacket



## ERAT KABLO TEKNOLOJİK DONANIM SİSTEMLERİ SAN. VE TİC. A.Ş.

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