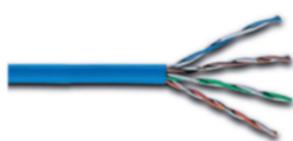


کابل شبکه مسی

CAT5E

CAT5E wiring cable, consists of 4 paired twisted copper wire with copper core of 0.5 mm that has polyethylene as insulation. these 4 twisted pairs put together with a PVC cover. This cable approved with the UL & CM Fire Rating standard, that is able to handle 155 MHz bandwidth Channel.



CL-C Cat 5e U/UTP, Class D

- Specifications
100 ohms, certified to 100MHz, 24 AWG, and supports applications such as 155Mb/s ATM. 622Mb/s ATM and IEEE 802.3 1000 Base-T (Gigabit Ethernet) standard, using parallel transmission technology
- Blue
- Performances
- Complies with Category 5e ANSI/TIA/EIA-568B & ISO/IEC 11801 Standard
- Supports transmission of digital and analogue voice, data and video signal
- Supports Gigabit Ethernet (1000 Base-T)

Standard IEC	Nominal	NEXT
>35.3 dB	35.3 dB	100 MHz

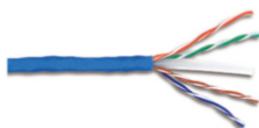
Use

- Cabling for Voice, data, images horizontal and vertical category 5/ Class D. High rates transmission: Gigabit Ethernet, 10/100base T.

Lenght	Sheath	Diameter	Type
305	PVC	4.9 mm	4 pair cable
305	LSZH	4.9 mm	4 pair cable

CAT6 UTP

CAT6 wiring cable is a sophisticated improved cable in term of quality. using pure copper rod of 23 AWG standard and approved with the UL & CM Fire Rating standard. the cable Reel is 305m, that can ease the installation process. this cable has a higher quality of standard and improved HeadRoom. The package of this cable is Coillless Box.



Category 6 CL-C Cat 6 U/UTP, Class E

- Specifications
100 ohms, 250 MHz, AWG23, 4 pairs without screen
- 23AWG conductors
- UL Listed CM Fire rated
- Performances
- Complies with Category 6 ANSI/TIA/EIA-568 & ISO/IEC 11801 Standard

Standard IEC	Nominal	NEXT
>39.3 dB	38.3 dB	250 MHz

Use

- Supports transmission of digital and analogue voice, data and video signal
- Supports Gigabit Ethernet (1000 Base-T)

Lenght	Sheath	Diameter	Type
305	PVC	6 mm	4 pair cable
305	LSZH	6.1 mm	4 pair cable

CAT6 FTP

CAT6 FTP wiring cable with 23 AWG Standard and foiled Sheath, designed for the noisy environments that is basically suits the requirements of industries.



CL-MNC Cat 6 F/UTP, Class E

- Specifications
250 ohms, 250 MHz, AWG23, 4 pairs with overall screen.
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13W or 25W
- Performances
- Compliant to EN50173-1, ISO/IEC 11801:2011 Ed2.2, ANSI/TIA/568-C.2 EN50288-5-1 standards

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

Lenght	Sheath	Diameter	Type
305	PVC	7.5 mm	4 pair cable

CAT6 SFTP

To improve the Standard of Cables, we come with double screened Cable of Foiled and braid Screening. This Cable give the highest Standard in Quality for Networking cable industry.



CL-C Cat 6 SF/UTP, Class E

- Specifications
100 ohms, 250 MHz, AWG23, 4 pairs with overall screen and metallic braid
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13W or 25W
- Performances
- Compliant to EN 50173-1, ISO/IEC 11801:2011 Ed2.2, IEC61156-5 Ed2 and EN50288-5-1 standards

Standard IEC	Nominal	NEXT
>34.8 dB	39.3 dB	250 MHz

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet 10/100 BaseT.

Lenght	Sheath	Diameter	Type
500	LSZH	7.9 mm	4 pair cable

اکسسوری فیبر

Fiber Pigtails

- Optic pigtails suitable for splices termination with fibre cables inside optic patchpanels and/or at workstation:
 - Factory terminated
 - Zirconia ceramic material ferrules
 - Different lengths available

Performances

- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed.2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed.2

Model	Description	Part Number
F.O Pigtail	SC MM(OM2/OM3) Simplex 2m 0.9mm LSZH SC SM(OS2) Simplex 2m 0.9mm LSZH	SPMPTSCM2/SPMPTSCM3 SPMPTSCSM
	LC MM(OM2/OM3) Simplex 2m 0.9mm LSZH LC SM(OS2) Simplex 2m 0.9mm LSZH	SPMPTLCM2/SPMPTLCM3 SPMPTSCSM



Fiber Patch Cord

Description

- Various type of connectors(SC,LC,FC,MPO.etc)
- Optimum optical performance through high quality ferrules
- 100% Factory tested for Insertion & Return Loss
- Ferrule inspection data sheet included with all shipments
- Small Form Factor for high density applications

Technical detail

- Insertion Loss and return Loss is based on TIA/EIA 56883 requirements
- Fiber type: SM(OSI/2)-9/125um & MM (CM1/2/3/4)-50/125um,625/125um
- Cable Diameter: Jumper Cord(1.8-3.0mm), pigtail (0.9-3.0mm) available
- Link Length up to 300m(OM4)with 850nm source for 10Gbps systems(IEEE802.3ae)
- Material of Ferrules: Ceramic (Zirconia)
- IEC61754,TIA604 Standard for Connectors

Model	Description	Part Number
F.O Patchcord	SC-SC/MM(OM2/OM3) Duplex 3m 50/125um LSZHSC-SC/SM(OS2) Duplex 3m 9/125um LSZH	SPMPCSCOM2SC03/SPMPCSCOM3SC03 SPMPCSCSMSC03 SPMPCSCOM2L03/SPMPCSCOM3L03
	SC-LC/MM(OM2/OM3) Duplex 3m 50/125um LSZH	
	SC-LC/SM(OS2) Duplex 3m 9/125um LSZH	SPMPCSCSML03
	LC-LC/MM(OM2/OM3) Duplex 3m 50/125um LSZH	SPMPCLOMLC03/SPMPCLOMLC03 SPMPCLOMLC03
	LC-LC/SM(OS2) Duplex 3m 9/125um LSZH	



Fiber Adaptor

- Easy installation in the field without adhesive & polishing
- Compatible with conventional SC connector
- performance exceeds ANSI/TIA/EIA-568-ANSI/TIA/EIA-568-AT
- Telcordia GR-1C81-CORE
- Fiber optic connector & Adaptor LC,SC,FC,ST etc.

Model	Description	Part Number
F.O Adaptor	SC Duplex MM/SM Adaptor	SPMADSCD
	LC Duplex MM/SM Adaptor	SPMADLCD
	SC Simplex MM/SM Adaptor	SPMADSCS
	FC Simplex MM/SM Adaptor	SPMADFCS



کابل شبکه فیبر

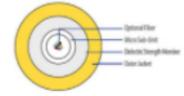
Fiber Optic Distribution Cable 900um tight buffered Glass yarn Strength member

Description

- Colored fiber, Micro sub-unit dielectric strength, Outer jacket
- Micro Sub-unit cable containing Max. 12 optical fibers

- Outer sheath:PVC OFNR(riser rated), PVC OFNP (plenum rated) or LSZH(low smoke zero halogen rated)
- ROHS (Restriction of the use of Certain Hazardous Substances Directive) complied

	Mode	Description	Part Number
Indoor (DT)	OM2	Multi Mode, PVC, indoor cable, 8 Core	SPM08OM2TB
		Multi Mode, PVC, indoor cable, 12 Core	SPM12OM2TB
		Multi Mode, PVC, indoor cable, 24 Core	SPM24OM2TB
	OS2	Single Mode, PVC, indoor cable, 8 Core	SPM08SMTB
		Single Mode, PVC, indoor cable, 12 Core	SPM08SMTB
		Single Mode, PVC, indoor cable, 24 Core	SPM08SMTB



Fiber Optic Single Loose Tube Cable All Dielectric Single Jacketed Central Tube Cable

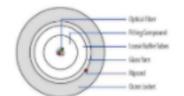
Description

- All dielectric Single Jacket Central Loose Tube cable is a UV-stabilized, fully water blocked cable for outdoor duct applications(PE outer jacket) or indoor/Outdoor applications.
- Loose tube design provides stable highly reliable transmission parameters for a variety of Voice, data, video and imaging applications.
- Compact design for limited conduit space
- ROHS (Restriction of the Certain Hazardous Substances Directive) complied

Specification

- Telcordia GR-20-CORE
- IEC 60793, 60794
- ITU-T G652

	Mode	Description	Part Number
Indoor/ Outdoor (CT) SJNA Duct Usage	OM2	Multi Mode, PE, Glassyarn Armor, 8 Core	SPM08OM2UTGA
		Multi Mode, PE, Glassyarn Armor, 12 Core	SPM12OM2UTGA
		Multi Mode, PE, Glassyarn Armor, 24 Core	SPM24OM2UTGA
	OS2	Single Mode, PE, Glassyarn Armor, 8 Core	SPM08SMUTGA
		Single Mode, PE, Glassyarn Armor, 12 Core	SPM12SMUTGA
		Single Mode, PE, Glassyarn Armor, 24 Core	SPM24SMUTGA



Fiber Optic Single Loose Tube Cable All Dielectric Single Jacketed Armor Central Tube Cable

Description

- All dielectric Single Jacket Central Loose Tube cable is a UV-stabilized, fully water blocked cable for outdoor duct applications(PE outer jacket)
- Fiber – Single mode and multi mode available
- Sequential meter or footage markings
- Outer jacket: Black UV-and moisture-resistant Polyethylene or LSZH (Low Smoke Zero Halogen)
- Storage Temperature :-20 to 70°C
Operating Temperature:-10 to 60°C

Specification

- Telcordia GR-20-CORE
- IEC 60793, 60794
- ITU-T G652

	Mode	Description	Part Number
Outdoor (CT) SJSA Direct Burial	OM2	Multi Mode, PE, Steel Armor, 8 Core	SPM08OM2UTMA
		Multi Mode, PE, Steel Armor, 12 Core	SPM12OM2UTMA
		Multi Mode, PE, Steel Armor, 24 Core	SPM24OM2UTMA
	OS2	Multi Mode, PE, Steel Armor, 8 Core	SPM08SMUTGA
		Multi Mode, PE, Steel Armor, 12 Core	SPM12SMUTGA
		Multi Mode, PE, Steel Armor, 24 Core	SPM24SMUTGA

