

INDOOR DISTRIBUTION

DESCRIPTIONS / APPLICATIONS

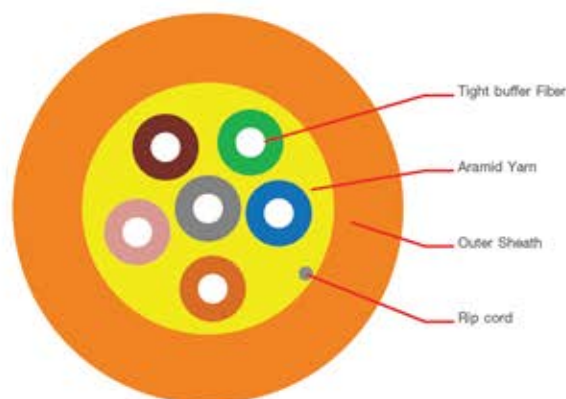
- BELLCOMMS distribution, fiber optic cables are designed for indoor communication. These cables are designed to save conduit space and ideal for moderate distance trunking applications. Small size and high strength are features of these cables.
- Application support IEEE802.3 (LAN, Ethernet Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM.FDDI, Fiber Channel, CATV,CCTV, FTTX or other

STANDARDS

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-409-CORE
- ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC 60332-1
- IEC 60793, IEC 60794-1-2, EIA-455
- UL
- RoHS Compliant

FEATURES

- High performance multimode (OM1, OM2, OM3 and OM4) and singlemode (OS2 or G.652D) fiber optic cable
- Fiber colors identification comply to TIA/EIA-598-C and EIA-359-A
- 900 µm tight buffer easy to strip and terminated for direct connectorization with all common connector types
- Aramid yarns provide for strength member
- FR-PVC jacketed cables meet the requirements of National ElectricalCode (NEC article 770) and is OFNR listed (Optional for LSZH Jacket).



OPTICAL PERFORMANCES

Optical Transmission Performance	Singlemode 1310/1383/1550/1625	Multimode 850 / 1300nm			
	9 / 125 µm (OS2)	62.5 / 125 µm (OM1)	50 / 125 µm (OM2)	50 / 125 µm (OM3)	50 / 125 µm (OM4)
Max.Attenuation(dB/km)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ.Attenuation(dB/km)	0.34 / 0.32 / 0.21 / 0.24	2.7 / 0.6	2.5 / 0.7	2.3 / 0.6	2.3 / 0.6
Bandwidth (MHz/km)	N / A	200 / 600	500 / 500	1500 / 500	3500 / 500
850nm Laser bandwidth (Mhz/km)	N / A	N / A	N / A	2000	4700
Numerical Aperture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

MECHANICAL PROPERTIES

	Duplex	N
Max. Tensile Load, Installation / Operation	1,800 / 600	mm
Cable Diameter, approx.	4.8 - 6.8	kg/km
Cable Weight, approx.	25 - 45	Cable Diameter
Min. Bending Radius, Installation / Operation	15x / 10x	
Installation Operation Temperature	-20°C to +70°C	
Storage Shipping Temperature	-40°C to +75°C	

PART NUMBER

Description	4 Core Indoor	6 Core Indoor	8 Core Outdoor	12 Core Outdoor
Single mode, 9 / 125 µm, OS2	IND04SM9	IND06SM9	IND08SM9	IND12SM9
Multimode, 62.5 / 125 µm, OM1	IND04MM6	IND06MM6	IND08MM6	IND12MM6
Multimode, 50 / 125 µm, OM2	IND04MM5	*IND06MM5	IND08MM5	IND12MM5
XG Multimode, 50 / 125 µm, OM3	IND04MM5XG	*IND06MM5XG	IND08MM5XG	IND12MM5XG
Multimode, 50/125 µm, OM4	IND04MMM4	IND06MM5M4	IND08MM5M4	IND12MM5M4

* Best Seller product.