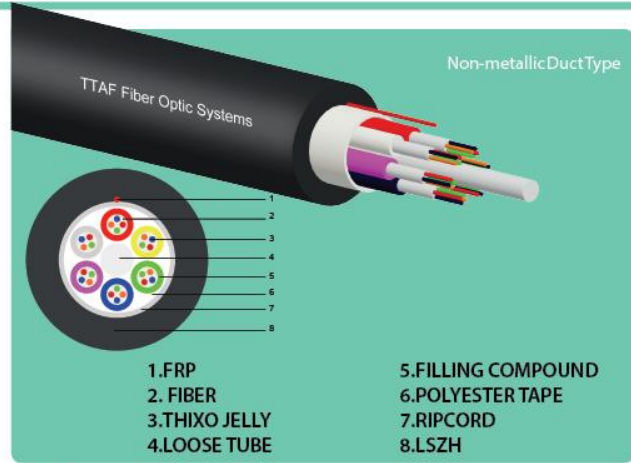
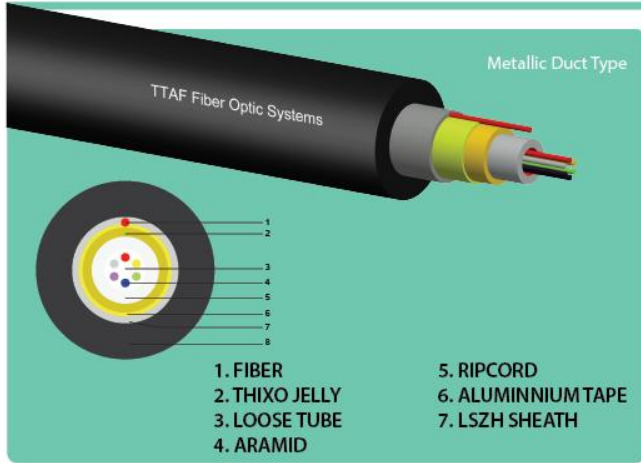


FIBER OPTIC CABLES

UNIVERSAL CABLES

DUCT TYPE CABLES FOR INDOOR/ OUTDOOR APPLICATIONS



FEATURES

- » Non-armoured duct type cables design provides multi-purposed application areas
- » Moisture barrier
- » Waterblocking characteristics with both dry and jelly filled cable structure
- » For outdoor applications, HDPE sheath provides not only UV resistant and also microbe resistant
- » For indoor and outdoor application, halogen-free and flame retardant sheath provides good mechanical properties with complete control of free
- » With HFFR sheath low-smoke and no corrosive gases generated during combustion
- » It is possible to give non-metallic property, hence no ground-loop problem
- » ITU-T G652D, G652C, G653, G655 SM fiber; 62.5/125 and 50/125 MM fiber used.

APPLICATIONS

- » Indoor/Outdoor
- » Installed in ducts
- » Employed both Indoor/Outdoor applications for building and campus backbone cabling
- » Used in LAN data network systems, logn haul communication systems and subscriber network systems

CABLE SPECIFICATIONS

	Metallic Duct Type					Non-metallic Duct Type			
	Unitube	6 tubes	8 tubes	12 tubes	up to 192	Unitube	6 tubes	8 tubes	12 tubes
Fiber Count	2 - 12	4 - 72	96	144	up to 192	2 - 12	4 - 72	96	144
Outer Diameter (mm)	8,4 - 9	11,7 - 13,7	15	18,4	19	5,8 - 7,2	10,7 - 12,7	14	17,4
Cable Unit Weight (kg/km)	63 - 67	113 - 158	194 - 208	281 - 300	323	28 - 42	93 - 135	166 - 180	248 - 259
Cable Supplied Lengths (km)	2								

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

	Metallic Duct Type					Non-metallic Duct Type				
	Unitube	6 tubes	8 tubes	12 tubes	380	Unitube	6 tubes	8 tubes	12 tubes	
Temperature Range	-40 - +75	-40°C - +80°C				-40 - +75	-40°C - +80°C			
for transportation and storage	-10 - +50	-10°C - +50°C				-10 - +50	-10°C - +50°C			
during installation in service	-30 - +70	-30°C - +70°C				-30 - +70	-30°C - +70°C			
Minimum Bending Radius (mm) during installation (~20°D)	168 - 170	234 - 274	300	368	380	116 - 144	214 - 254	280	348	
in service (~15°D)	126 - 127	175 - 205	225	276	285	87 - 108	160 - 190	210	261	
Maximum Allowed Tensile Strength (kN)	1,2	1 - 3,2	4,2	5	4,2	1	1 - 3,2	4,2	4,2 - 5	
Maximum Allowed Compressive										
Lo (N/cm)	150	220 - 250	250			100	220 - 250	250		

Art No

Number of Fibers



FO-IK-DX-SM-2	2
FO-IK-DX-SM-4	4
FO-IK-DX-SM-6	6
FO-IK-DX-SM-8	8
FO-IK-DX-SM-12	12
FO-IK-DX-SM-24	24