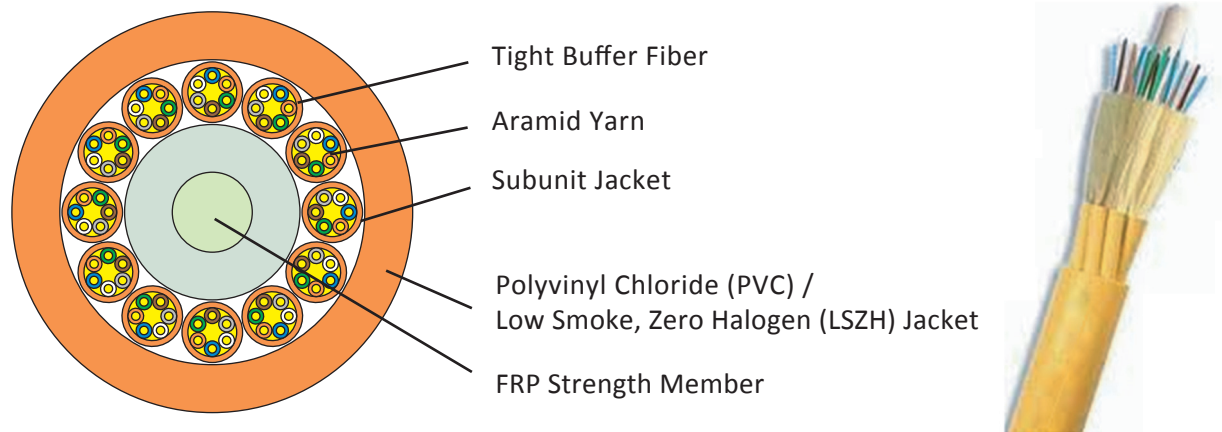


Description

CONNECSYS indoor multi-purpose distribution fiber optic cable use 6-fibre subunit (ϕ 900 μm tight buffer fiber, aramid yarn as strength member). A fiber reinforce plastic (FRP) located in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. The cable is completed with a Polyvinyl Chloride (PVC) or LSZH (Low Smoke, Zero Halogen, Flame Retardant) jacket.



Suitable Applications

Backbone distribution cable in a building, Indoor any purpose cable distribution.

Physical Characteristics

Optical Fiber Count	24 – 108 cores
Optical Fiber Type	Multimode 62.5/125 μm OM1; Multimode 50/125 μm OM2; Multimode 50/125 μm OM3; Singlemode 9/125 μm.
Tight Buffer Fiber Diameter	900 ± 50 μm
Strength Member of Subunit	Aramid Yarn
Strength Member of Cable	Fiber Reinforced Plastic (FRP)
Sheath Material	Polyvinyl Chloride (PVC) / Low Smoke, Zero Halogen (LSZH)
Cable Diameter	
Polyvinyl Chloride (PVC)	10.4 ± 0.5 mm – 20.5 ± 0.5 mm
Low Smoke, Zero Halogen (LSZH)	10.4 ± 0.5 mm – 20.5 ± 0.5 mm
Compliances	YD/T 1258.4-2005, ICEA 596, GR-409, IEC 60794-2-20/21, IEC 332-1 & IEC 332-3C

Mechanical Characteristics

Tensile Strength	
Short Term	1320 N
Long Term	400 N
Crush Resistance	
Short Term	1000 N/100mm
Long Term	300 N/100mm
Bending Radius	
Dynamic	20 times of Cable Outer Diameter
Static	10 times of Cable Outer Diameter

Environmental Characteristics

Temperature	
Transportation/Storage/Operation	-20°C to +60°C
Installation	-5°C to +50°C