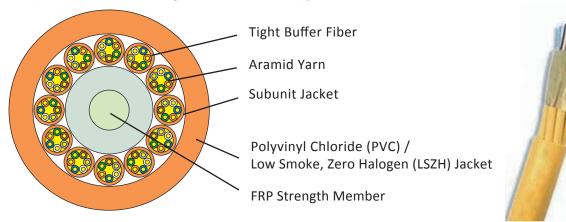
CONNECSYS

Indoor Distribution Fiber Optic Cable

Description

CONNECSYS indoor multi-purpose distribution fiber optic cable use 6-fibre subunit (ϕ 900 μ m 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 μ m OM1; Multimode 50/125 μ m OM2; Multimode 50/125 μ m OM3; Singlemode 9/125 μ m.
Tight Buffer Fiber Diameter	$900 \pm 50 \mu m$
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) Low Smoke, Zero Halogen (LSZH)	10.4 ± 0.5 mm - 20.5 ± 0.5 mm 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 Long Term	1000 N/100mm 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 Installation	-20°C to +60°C -5°C to +50°C

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