



DESCRIPTION

Our Single Mode Indoor Riser Cable is designed for FTTx, CCTV & IOT applications. For FTTx, it is to be installed from MDF room to Fiber Termination Box (FTB) of each floor. Multicore Indoor Riser Cable ranges from 8C to 144C. It is loose tube cable structure design and is able to do mid-span access without terminating the cable.

FEATURES

- Sumitomo bare fibre with ITU-T G.657A1
- Kelvar yarn with LSZH sheath
- Small outer diameter with light weight of cable
- Easy installation & cable management
- TM Type approval with SIRIM test report



SPECIFICATIONS

Number of Fiber	8C	12C	16C	24C	36C	48C	60C	72C	96C	144C
Fiber Color	Blue, Yellow		Blue, Yellow, Green, Red	Blue, Yellow, Green, Red, Violet, White			Blue, Yellow, Green, Red, Violet, White, Brown, Black, Aqua, Orange, Pink, Gray			
Subunit Material	LSZH (Low Smoke Zero Halogen) compound									
Subunit Diameter (mm)	0.96		1.06		1.16			1.51		
Central Strength Member material	Kevlar yarn with LSZH sheath									
Strength Member Material	Aramid Yarn (KEVLAR)									
Sheath Materials	LSZH (Low Smoke Zero Halogen) compound, moisture, chemical and fungus resistance.									
Sheath Thickness	Nom. 0.8mm									
Sheath Color	Black									
Cable Outer Diameter (mm)	5.0			5.5			6.5		7.5	9.5
Cable Weight (kg/km)	5.0			5.5		35	40		50	80
Packing	1km/drum or 2km/drum									

Note : Specifications are subject to change without notice

CHARACTERISTICS OF OPTICAL FIBER

Type of Fiber	Single mode (G.657A)
Core Material	Ge-doped Silica
Core Mode Field Diameter	8.6~9.5 ± 0.4μm (λ=1310nm)
Cladding Material	Silica
Cladding Diameter (μm)	125 ± 1
Core Concentricity Error (μm)	≤ 0.6μm
Cladding Non-Circularity (%)	≤ 1
Cable Cut-Off Wavelength	< 1260
Primary Coating Material (nm)	UV-Cured Acrylate
Primary Coating Diameter (μm)	245 ± 10
Attenuation Coefficient @1310nm	≤0.40dB/km
Attenuation Coefficient @1383nm	≤0.35dB/km
Attenuation Coefficient @1550nm	≤0.30dB/km
Point Discontinuities (@1550nm)	≤0.10dB
Proof Stress	> 1.0Gpa (150 kpsi)

ORDERING INFORMATION

Part No	Description
OIRC-7A1LB8	8C Indoor G.657A1 Riser Cable
OIRC-7A1LB12	12C Indoor G.657A1 Riser Cable
OIRC-7A1LB16	16C Indoor G.657A1 Riser Cable
OIRC-7A1LB24	24C Indoor G.657A1 Riser Cable
OIRC-7A1LB36	36C Indoor G.657A1 Riser Cable
OIRC-7A1LB48	48C Indoor G.657A1 Riser Cable
OIRC-7A1LB60	60C Indoor G.657A1 Riser Cable
OIRC-7A1LB72	72C Indoor G.657A1 Riser Cable
OIRC-7A1LB96	96C Indoor G.657A1 Riser Cable
OIRC-7A1LB144	144C Indoor G.657A1 Riser Cable