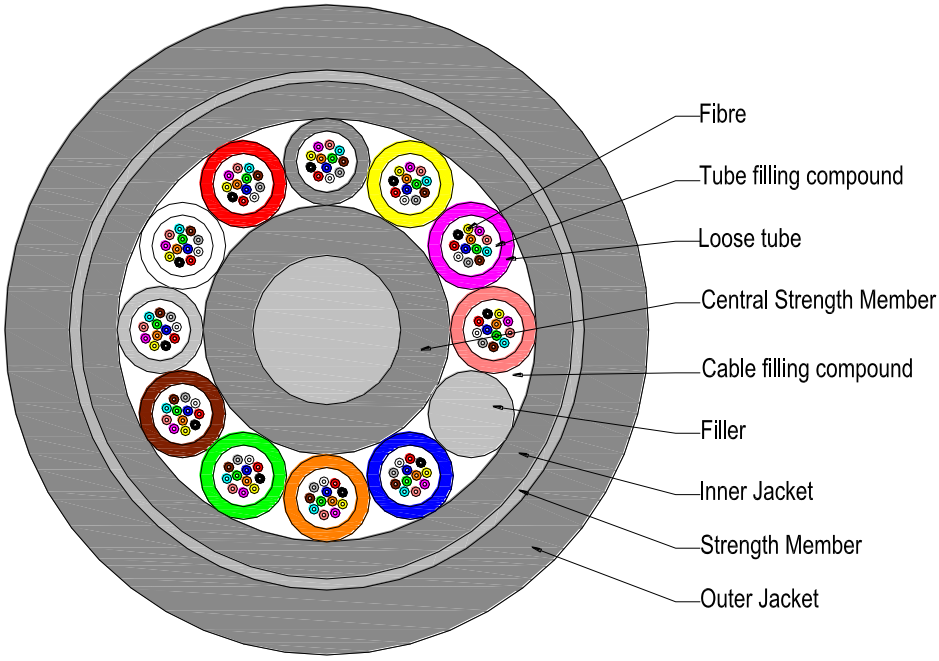
F/O Indoor-Outdoor Multi Loose Tube, Glass Yarns, Double-Jacketed Cables

Features



F/O Indoor-Outdoor Multi Loose Tube, Glass Yarns, Double-Jacketed Cables

Specifications

Cable attenuation

Items	Description	
SM 9/125 (G652D/G657A1/G657A2/G657B3)	Attenuation @1310nm	≤0.40dB/km
	Attenuation @1550nm	≤0.30dB/km
MM 50/125 (OM2/OM2+/OM3/OM4)	Attenuation @850nm	≤3.0dB/km
	Attenuation @1300nm	≤1.0dB/km
MM 62.5/125 (OM1)	Attenuation @850nm	≤3.3dB/km
	Attenuation @1300nm	≤1.0dB/km

Cable Dimensions and Constructions

Items	Descriptions						
Fiber count	4 / 6	8	12	24	48	96	144
Loose tube count	1	1	1	2	4	8	12
Fiber count per tube	4 / 6	8	12	12	12	12	12
Filler count	5	5	5	4	2	0	0
Cable diameter(mm)	12.8±0.5	12.8±0.5	13.2±0.5	13.2±0.5	13.2±0.5	14.2±0.5	17.3±0.5
Weight(Approx.)	182	182	190	190	190	218	315
Loose tube	Material			PBT			
	Tube-filling compound			Gel-filled			
	Thickness			0.35±0.05mm			
CSM	Material			FRP or FRP coated with PE(for 144F)			
Filler	Material			PP or PE			
Inner Jacket	Material			LSZH			
	Color			Black			
	Min. Thickness			0.8mm			
Strength Member	Material			Glass yarn			
Outer Jacket	Material			LSZH			
	Color			Black			
	Min. Thickness			1.6mm			
	Diameter			See above			

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Specifications

Mechanical and Environmental Characteristics

Items	Descriptions	
Tensile Strength (IEC 60794-1-2-E1)	short-term	1500N(6~48F) or 3000N(96/144F)
	long-term	600N(6~48F) or 1000N(96/144F)
Crush Resistance (IEC 60794-1-2-E3)	short-term	2200N/100mm
	long-term	1100N/100mm
Temperature Range (IEC 60794-1-2 F1)	Storage/Operation	-40℃ ~ +70℃
	Installation	+10℃ ~ +60℃
Bending Radius	Static	10D
	Dynamic	20D
Water Penetration	IEC 60794-1-2 F5	
Flammability	IEC 60332-1	
RoHS (2011/65/EU)	Compliant	

Packing: Wooden Drums Protection
The cables are packed in wooden drums.

Delivery Length
Standard delivery length is 2km/drum or per customer's requirements.

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Ordering Information

P/N	Description
R2920041	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 1x4 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920061	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 1x6 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920081	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 1x8 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920121	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 1x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920241	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 2x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920481	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 4x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920961	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 8x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2920151	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 12x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923041	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 1x4 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923061	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 1x6 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923081	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 1x8 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923121	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 1x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923241	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 2x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923481	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 4x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923961	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 8x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2923151	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM3, 12x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924041	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 1x4 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924061	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 1x6 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924081	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 1x8 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924121	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 1x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924241	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 2x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924481	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 4x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924961	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 8x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH
R2924151	Indoor-Outdoor F/O Cable, Multi Loose Tube, OM4, 12x12 Fibers, Water Block, Glass Yarns, Double-Jacketed, LSZH