



Access Building Cable (OM3-10G-300) LSZH / Dry Core Indoor / Indoor/ Outdoor Cable

Description

The fibers are positioned in a loose tube made of high modulus plastic. The tubes are dry core type. The tube is covered with a layer of Kevlar as strength member. The cable is completed with a LSZH (Low smoke, Zero Halogen, Flame-retardant) material Jacket and LSZH Loose tube.

Characteristics

- Good mechanical and temperature performance
- LSZH jacket and LSZH loose tube that is hydrolysis resistant
- Crush resistance and flexibility
- Kevlar strength member ensure tensile strength
- Small diameter, light weight and friendly installation\
- Long delivery length
- F.R.P Central strength member (covered up with LSZH Material)

Standards

Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC 60794, IEC 332-1 and IEC 332-3C

Technical Parameters

Cable Code	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Loose Tube	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Dynamic/Static mm
NMABC-OM33-4E2	4	7.0±0.5	45	1 x 4C	300/800	300/1000	20D/10D
NMABC-OM33-8E2	8	7.0±0.5	45	2 x 4C	300/800	300/1000	20D/10D
NMABC-OM33-12E2	12	7.0±0.5	46	3 x 4C	300/800	300/1000	20D/10D
NMABC-OM33-16E2	16	7.0±0.5	46	4 x 4C	300/800	300/1000	20D/10D
NMABC-OM33-24E2	24	7.0±0.5	46	6 x 4C	300/800	300/1000	20D/10D
NMABC-OM33-36E2	36	7.0±0.5	46	3 x 12C	300/800	300/1000	20D/10D
NMABC-OM33-48E2	48	7.0±0.5	47	4 x 12C	300/800	300/1000	20D/10D
NMABC-OM33-60E2	60	7.0±0.5	47	5 x 12C	300/800	300/1000	20D/10D
NMABC-OM33-72E2	72	7.0±0.5	48	6 x 12C	300/800	300/1000	20D/10D
NMABC-OM33-96E2	96	8.0±0.5	52	8 X 12C	300/800	300/1000	20D/10D

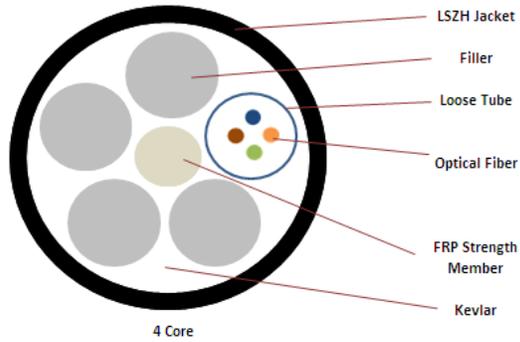
The Diameter of the Cable subject to change without prior notice.

Transport/Storage/Operating Temperature: -20°C~+60°C, Installation Temperature: -5°C~+50°C

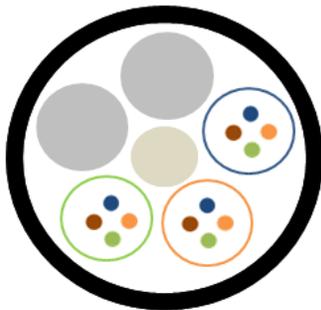
Optical Fiber Parameters

No.	Description	unit	Specification
			10G-300
1	Core Diameter	µm	50.0±2.5
2	Cladding Diameter	µm	124.8±1.0
3	Core Non-Circularity	%	≤5.0
4	Cladding Non-Circularity	%	≤1.0
5	Core-Cladding Concentricity Error	µm	≤1.0
6	Coating Diameter	µm	245±7
7	Coating Non-Circularity	%	≤6.0
8	Cladding-Coating Concentricity Error	µm	≤12.0
9	OFL Bandwidth	850nm	MHz·km ≥1500
		1300nm	MHz·km ≥500
10	Effective Modal Bandwidth	850nm	MHz·km ≥2000
		1300nm	MHz·km ≥500
11	Attenuation Coefficient	850nm	dB/km ≤3.5
		1300nm	dB/km ≤1.5

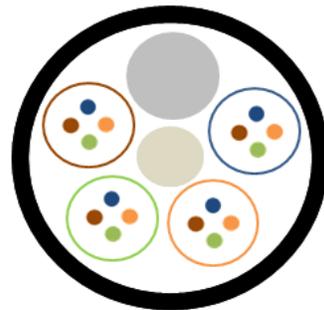
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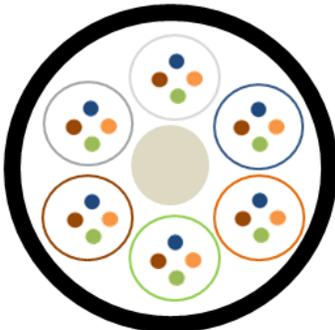
8 Core



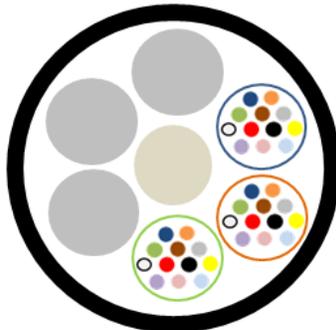
12 Core



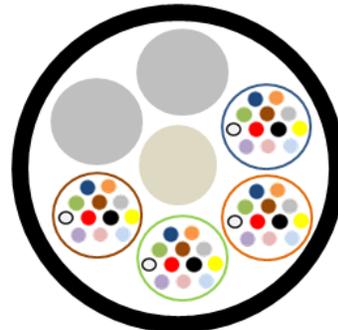
16 Core



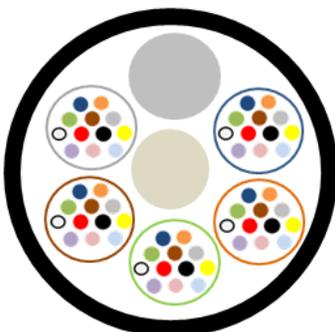
24 Core



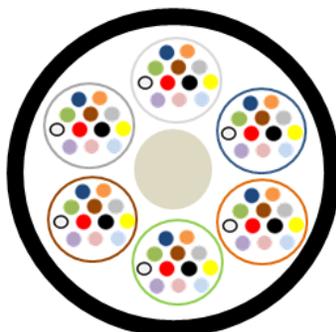
36 Core



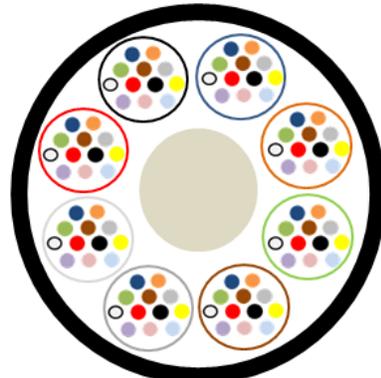
48 Core



60 Core



72 Core



96 Core