

OPTICAL FIBER CABLE DATA SHEET

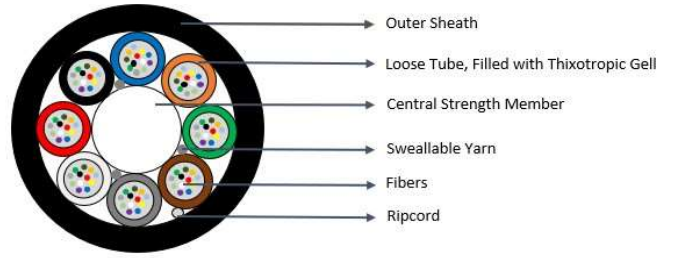
CABLE CODE/CABLE TYPE

MICRO DUCT mxn
Micro loose Tube, NON-METALIC ARMOURED , HDPE Single Jacket Cable

KEY FEATURES

Non-Metallic Armored, UV- Resistant, All Dielectric, Light Weight,
Micro duct cables is an all-dielectric loose tube cable designed for microduct applications.

CROSS SECTION/CABLE DRAWING



STANDARTS

IEC 60794-1&2,

CONSTRCTIONS

Fiber Type	G.652-D,G.657 A1,G.657 A2
Fiber Count	12-144
Jacket Color	According to customer request
Jacket UV Resistance	Carbon Black

APPLICATIONS

Direct Connection to Terminal Equipments
Inside air blow pipes for micro duct
Fttx Cabling

DIMENSIONS/PHYSICAL SPECIFICATIONS

Items		Unit	Specification						
Fiber count			12	24	36	48	72	96	144
Number of Tubes			6	6	6	6	6	8	12
Number of Active Tubes			1	2	3	4	6	8	12
Colored Coating Fiber	Diameter	µm	250 ± 10						
Loose tube	Diameter	mm	1,4 ± 0.05						
FRP	Material	mm	1,5 ± 0.05						
Outer Sheath	Diameter	mm	5,8 ± 0.5				6.5 ± 0.5	8,5 ± 0.5	
	Material		HDPE						
	Color		BLACK RAL 9005						
Max. tensile strength, short-term		N	400						600
Crush Min/Max		N/cm	300						400
Min. Bend Installation			20 x Outer Ø (IEC 60794-1-2 E11)						

ENVIRONMENTAL SPECIFICATIONS

Installation Temperature	-30 °C to +70 °C (IEC 60794-1-2 F1)
Operating Temperature	-30 °C to +70 °C (IEC 60794-1-2 F1)

QUALIFICATION SPECIFICATIONS

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | TIA/EIA 598 | Telcordia GR-409

CERTIFICATIONS

RoHS	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ISO 14001:2015	Designed, Environmental management systems
ISO 45001:2018	Occupational Health and Safety Assessment Series

PACKING

WOODEN DRUM & PLYWOOD DRUM
2000MT/4000MT ±%5

SHEATH MARKING

INFOKS KABLO WEEK/YEAR A-DQ2Y xxF TYPE of FIBRE DRUM NO LENGTH (M)