

OPTICAL FIBER CABLE DATA SHEET

CABLE CODE/CABLE TYPE

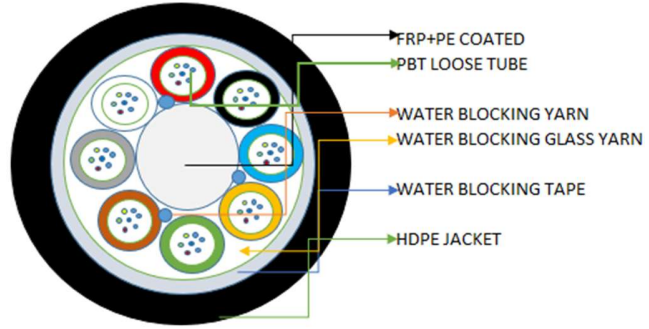
A-DQ(BN)2Y MLT mxn

MULTI LOOSE TUBE, NON METALLIC ARMoured , HDPE JACKET FIBER OPTIC CABLE

KEY FEATURES

Non Metallic Armoured, Jelly Filled Loose Tube, UV- Resistant, Rodent Resistant, Waterproof, PE JACKET

CABLE DRAWING and CROSS SECTION



STANDARTS

IEC 60794-1&2,

CONSTRCTIONS

Fiber Type	G.652-D,G.657 A1,G.657 A2,OM1,OM2,OM3,OM4,OM5
Fiber Count	12-144
Jacket Color	According to customer request
Jacket UV Resistance	Carbon Black
CPR Class	Fca

APPLICATIONS

Inter Building Voice or Data Communication Networks
FTTC
Outside
Installed in Ducts & Conduits
Primary & Secondary Distribution
WAN
FTTB
Campus Cabling
Directly Buried Underground
Telecommunication Data Trunk Systems
Harsh Premises Environments requiring heavy duty protection
Interconnection of Distribution Boxes, Distribution Frames and the Panels at Customer Side

DIMENSIONS/PHYSICAL SPECIFICATIONS

									IEC 60794-1-2 Test method
Number of fibers	12	24	36	48	60	72	96	144	
Number of tubes	1	2	3	4	5	6	8	12	
Number of dummy Tubes	5	4	3	2	1	0	0	0	
OD Tube Max. (mm)	2,3								
OD Tube Nom. (mm)	2,1								
OD Tube Min. (mm)	1,9								
OD cable Max. (mm)	11,0						13,5	16,5	
OD cable Nom. (mm)	10,5						13,0	16,0	
OD cable Min. (mm)	10,0						12,5	15,5	
Max. Jacket Thickness (mm)	1,8								
Min. Jacket Thickness (mm)	1,5								
Minimum Bending radius	20 x D								E11
Max. Operating Load (N)	1600								
Maximum Installation Pulling Load (N)	2700								
Crush (N/100mm)	2000								E3
Twist (torsion)	5 turn of 180° on 1m sample, both ways.								E7
Impact resistance									E4
Up to 15mm OD	4.4J ; 3 x 2 times								
15 to 17.5mm OD	7J ; 3 x 2 times								
17 to 20mm OD	10J ; 3 x 2 times								
Over 20mm OD	13J ; 3 x 2 times								
Storage temperature Range	-40°C to +70°C								F1
Operating temperature Range	-40°C to +70°C								F1
Core fluid Penetration	3m sample, 1m head for 24 hours								F5
Nom. Weight (Kg/Km)	90						120	180	

QUALIFICATION SPECIFICATIONS

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | Telcordia GR-20 | Telcordia GR-409

CERTIFICATIONS

RoHS	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system
ISO 14001:2004	Designed, Environmental management systems
ISO 18001:2007	Occupational Health and Safety Assessment Series

PACKING and DELIVERY LENGTHS

WOODEN DRUMS, standart delivery lengths are 4000mt

SHEATH MARKING

INFOKS KABLO WEEK/YEAR A-DQ(BN)2Y xxxF TYPE of FIBRE DRUM NO LENGTH (M)