

Loose Tube, All Dry, All Dielectric, Single Jacket Non-Armored Cable

Standards and Certifications

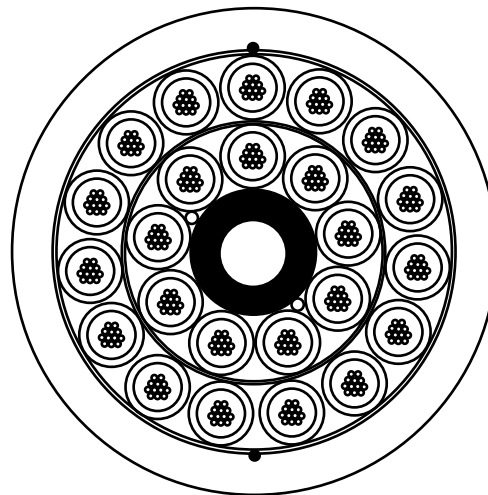
ITU-T G.650. IEC 60793, 60794.
RUS 7 CFR 1755. TELCORDIA GR-20.
ISO 9001, 14001. OHSAS 18001. TIA-598-D.

Feature and Benefit

All dry (Gel-free): Easy preparation
Color-coded fibers: Easy and quick identification
Loose tube design: Stable performance and compatibility
with all common fiber type
All-dielectric construction

Construction

Fiber: 12 colors coding
Loose tube: Gel-free
Central strength member: Dielectric strength material
Water blocking material : Water swellable yarn and tape
Stripping material: Ripcord
Single jacket non-armored



Cross Section in Case of 288F Cable
P. N. : RHONE™-01-288-D1-012-12-SN-F-N0-N0-A-Z2-2-00

Specification and Design					
Fiber Count	12-72	84-96	108-144	192-216	240-288
Cable Outer Diameter Nom. Inch (mm)	0.41(10.5)	0.48(12.2)	0.59(15.1)	0.61(15.6)	0.71(18.1)
Cable Weight Nom. lb/kft(kg/km)	50(75)	70(105)	107(160)	107(160)	145(215)
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua				
Max. Fiber per Tube	12				
Number of Tube Position	6	8	12	18	24
Number of Active Tube	1-6	7-8	9-12	16-18	20-24
Tube Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua Blue*, Orange*, Green*, Brown*, Slate*, White*, Red*, Black**, Yellow*, Violet*, Rose*, Aqua*				
Water Blocking Material	Water Swellable Yarn and Tape				
Central Strength Member	F.R.P. (Fiber Reinforced Plastic)				
Jacket Material	Black color polyethylene				

*: Tube with black tracer
** : Tube with white tracer

TAIHAN
FIBEROPTICS
SPEC No. TFO-OFC-T001B(R.1)

Cable Ordering Information : Ex) RHONE™-01-288-D1-012-12-SN-F-N0-N0-A-Z2-2-00

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™ Cable Application

MOCA™ : Mini Duct, RHONE™ : Duct, TICI™ : Direct Buried, TRASI™ : Ribbon Tube Cable, CANN™ : Micro Duct, ROCK I™ : ADSS Single Jacket, ROCK II™ : ADSS Double Jacket, FIEIT™ : Fig 8

① Select Type of Cable

01 : Multi LT, 02 : Central LT, 03 : Multi Ribbon Tube, 04 : Central Ribbon Tube

② Total Fiber Count

Ex) 072, 096, 144, 288

③ Select Type of Fiber

B1 : G.652.B, D1 : G.652.D, N1 : G.655.C, N2 : G.655.AL, N2 : G.655.AS, M1 : OM1(62.5 μm), M2 : OM2(50 μm), M3 : OM3(50 μm), D4 : OM4(50 μm), I1 : G.657.A1, I2 : G.657.A2, I3 : G.657.B3, C1 : D1 and N1, C2 : D1 and N2, C3 : D1 and N3

④ Select Fiber Placement

002 : 2 F / LT, 004 : 4 F / LT, 006 : 6 F / LT, 008 : 8 F / LT, 012 : 12 F / LT, 024 : 24 F / LT, 072 : 072 F / Ribbon Tube, 144 : 144 F / Ribbon Tube

⑤ Select Performance Option Code

01 : 0.40/-0.30 dB/km (G.652.B), 02 : 0.35/-0.25 dB/km (G.652.B)
11 : 0.40/0.40/0.30 dB/km (G.652.D), 12 : 0.35/0.35/0.25 dB/km (G.652.D)
21 : -/0.30 dB/km (G.655.C/A(L)/A(S)), 22 : -/0.25 dB/km (G.655.C/A(L)/A(S))
31 : 0.40/0.40/0.30 dB/km (G.657.A1/A2/B3), 32 : 0.35/0.35/0.25 dB/km (G.657.A1/A2/B3)
41 : 3.5/1.5 dB/km (OM1/OM2/OM3/OM4), 42 : 3.4/1.0 dB/km (OM1/OM2/OM3/OM4), 43 : 3.0/1.0 dB/km (OM2/OM3/OM4)

⑥ Jacket Layer

SN : Single Jacket Non-Armored, SS : Single Jacket Single-Armored, DN : Double Jacket Non-Armored, DS : Double Jacket Single-Armored, DD : Double Jacket Double-Armored, TD : Triple Jacket Double-Armored

⑦ Central Strength Member

N : None, F : FRP(Fiber Reinforced Plastic), S : Steel Wire

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Single Jacket Non-Armored Cable**

⑧ Strength Material

N0 : None, GY : Glass Yarn, AY : Aramid Yarn, FR : FRP Rod, SR : Steel Wire Rod

⑨ Armoring or Moisture Barrier Material

N0 : None, ST : Corrugated Steel Tape, SW : Steel Wire, LA : Laminated Aluminium Tape, C1 : LA and ST, C2 : LA and SW

⑩ Water Blocking Type

A : All Dry, S : Semi Dry (Tube With Gel-Filled), F : Fully Gel-Filled

⑪ Jacket Material

Z1 : Low Density Polyethylene, Z2 : Medium Density Polyethylene, Z3 : High Density Polyethylene, ZV : Polyvinyl Chloride

F0 : Flame Retardant Polyethylene with LSZH, TR : Track Resistant

⑫ Select Length Marking

1 : Markings in Meter, 2 : Markings in Feet

⑬ Define Special Requirements

00 : No Special Requirement, 01 : Non-Metallic and Rodent Protection, 02 : Termite Protection, 03 : Detectable Tracer, 04 : Flexible Tube