

FIBER OPTIC DROP CABLE

Indoor / Outdoor Tight Buffered Drop Cable

DESCRIPTION

Drop Cable designs contain 600/μm or 900/μm tight-buffered fibers for use in Flame Retardant PU or LSZH rated. Small size & light weight Metal or dielectric messenger wire is available

CONSTRUCTIONS

Drop cable / Tight buffered fiber

FIBER COUNT

1 to 4 fibers

FIBER TYPES

Single mode, 50/μm, 62.5/μm multi mode, Hybrid available

FEATURES & BENEFITS

Easy cable installation & Termination

- 900/μm or 600/μm tight buffered fibers can be directly terminated with strain relief
- Flexible design



CABLE DRAWING

1. Messenger Wire (metal or dielectric)
2. Peripheral Strength Member
3. Tight Buffered Fiber
4. Outer Jacket

FIG-8 TYPE AERIAL DROP CABLE



CABLE DRAWING

1. Peripheral Strength Member
2. Tight Buffered Fiber
3. Outer Jacket

ROUND TYPE DROP CABLE

NOTE

Color of Buffer

01 Blue 02 Orange 03 Green 04 Brown

Outer Jacket Color

Black, Gray, Ivory

FIG-8 TYPE AERIAL DROP CABLE

Fiber count	Nominal Diameter		Nominal Weight		Bend radius Load		Bend radius No load		Max pulling strength [N]
	[mm]	[inch]	[kg/km]	[lb/kft]	[cm]	[inch]	[cm]	[inch]	
1,2	5.0 × 3.0	0.20 × 0.12	18.0	12.1	10.0	3.9	7.5	3.0	1000

ROUND TYPE DROP CABLE

Fiber count	Nominal Diameter		Nominal Weight		Bend radius load		Bend radius No load		Max pulling strength [N]
	[mm]	[inch]	[kg/km]	[lb/kft]	[cm]	[inch]	[cm]	[inch]	
1,2	3.0	0.12	10.0	6.7	6.0	2.4	4.5	1.8	500
4	3.5	0.14	12.0	8.1	7.0	2.8	5.3	2.1	1000

TRANSMISSION PERFORMANCE

Index	9/125 μ m	50/125 μ m	50/125 μ m	50/125 μ m	62.5/125 μ m	62.5/125 μ m
	1310/1550nm	Standard	Gigabit	10Gigabit	Standard	Gigabit
Attenuation(dB/km) Typical values	0.4/0.3	3.0/1.0	3.0/1.0	3.0/1.0	3.5/1.0	3.5/1.0
Minimum bandwidth(MHz.km)		500/500	500/500	1500/500	200/500	200/500
Ethernet Link Distance(m)	10Gbps	-	-	-	300	-
	1Gbps	-	-	550/550	-	250/550

ORDERING GUIDE

1	2	3	4	5	6
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1 : Length marking (F : feet or M : meter)
 2 : Product family (DROP : DROP cable)
 3 : Fiber type (SM or MM50 or MM62,5)

4 : Fiber grade (OM1 or OM2 or OM3)
 5 : Fiber count (1 or 2 or 4)
 6 : Cable rate (LSZH or TPU)