FIBER OPTICS

36-144 Fiber Distribution

Indoor Tight Buffer 900um Distribution Cable

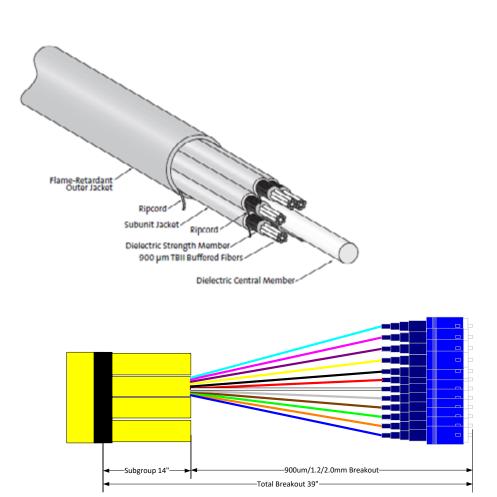
CPE/Premise Wiring Data Center Headend/CO Utility/Municipality



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Indoor tight buffer 900um distribution cable, designed for routing inside buildings,

data centers, telecommunications rooms and work stations. Available in both Riser and Plenum rated jackets. Assemblies are factory terminated to length to save considerable time and money by eliminating the need for field terminations.

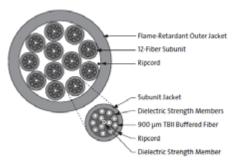
KEY PRODUCT BENEFITS

- Tight Buffer 900um fiber strands
- Available with pulling grip installed

RHDUR1-SCSC001M-09

INDUSTRY STANDARDS

Meets GR-409 requirements



SPECIFICATIONS

	36 Fiber	48 Fiber	72 Fiber	96 Fiber	144 Fiber			
Diameter	0.58 in.	0.69 in.	0.74 in.	0.91 in.	0.94 in.			
Weight (per 1,000 ft.)	151 lb.	215 lb.	229 lb.	335 lb.	342 lb.			
Min Bend Radius Loaded/Installed	8.7/ 5.8 in.	10.4 / 6.9 in.	11.0 / 7.4 in.	13.6 / 9.1 in.	14.1 / 9.4 in.			
Max Loading Short Term/Installed			148 / 45 lb.					
Operational Temperature Range			0° to + 70° C					
Fiber Code	R	К	С	S				
Fiber Type	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3				
Wavelength (nm)	1310/1550 nm	850/1300 nm	850/1300 nm	850/1300 nm				
Maximum Attenuation (dB/km)	1.0/0.75 dB/km	3.5/1.0 dB/km	3.5/1.5 dB/km	3.0/1.5 dB/km				
Serial Gigabit Distance (m)	5000/ - m	300/550 m	600/600 m	1000/600 m				
Serial 10 Gigabit Distance (m)	10000/40000 m	33/m	82/m	300/m				
Flame Rating	Available in OFNR (FT-4) or OFNP (FT-6)							
Insertion Loss	Singlemode <=0.3dB, Multimode <=0.4dB							
Back Reflection	Singlemode <=-55dB, UPC -65dB APC, Multimode <=-25dB							

ORDERING INFORMATION

Х	Х	DU	Х	x —	XX	XXX	X	- 09	XX
Mode	Fibers		Fire Rating	Jacket Color	Connectors	Length	UOM		Optional
R = Singlmode $K = MM62.5$ $OM1$ $C = MM50$ $OM2$ $S = MM50$ $OM3$	H = 36 J = 48 L = 72 N = 96 P = 144		R = Riser P = Plenum	1 = Blue 2 = Orange (K, C) 3 = Green 4 = Brown 7 = Red 8 = Black 9 = Yellow (R)	FC = FC $FA = FC APC$ $LC = LC$ $LA = LC APC$ $SC = SC$ $SA = SC APC$ $ST = ST$ $NA = Pigtail$	3 Digit (ex. 001 = 1)	F = Feet M = Meters		PE = Pulling Grip
				A = Agua (S)	i i i i i i i giun				

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