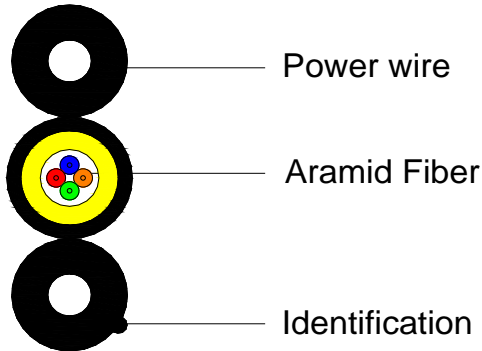




Cross Section



Electrical Characteristics(20°C)

Test Item	Units	Spec
Power		
Max. DCR	/km	5.6
Capacitance of Con. To Con.	pF/m	148
Operation Voltage	V RMS	300

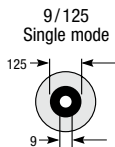
Cable Description

Power Wire - 2C x (12 AWG)

Center Conductor	Bare Copper Stranded Wire
Conductor Dia.(+/-0.015mm)	2.36 (65/0.254)
Insulation Color	Solid Polyethylene Black
Centricity (%)	≥ 90
Adhesion	20 to 100N

4C Singlemode Tight Buffered Optical Fiber

Fiber Count	4
Fiber Dia.(+/-0.03um)	0.245
Buffering Dia. (+/-0.10um)	0.6
Color	BL/OR/GN/BN
Tensile Strength Element	Kevlar
Jacket	PVC
Thickness (+/-0.10mm)	0.6
Outer Dia (+/-0.20mm)	3.80
Jacket Color	Yellow



Total hybrid cable

Jacket	PE
Thickness (+/-0.10mm)	0.60
Overall Dia. (+/-0.80mm)	4.80 H * 14.40 W
Jacket Color	Black

1ft Weight	27.8g
1m Weight	92.1g

Fiber 4C Single Mode

	Units	Spec
Bandwidth	850nm	MHz.km ≥ 750
Attenuation		
Fiber optical index	1310nm	dB/km ≤ 0.40
Cable optical index	1550nm	dB/km ≤ 0.30
Numerical Aperture		0.14
Effective Group Index of Refraction	1310nm	1.4676
	1440nm	1.4682

