



ENGLISH

Datasheet

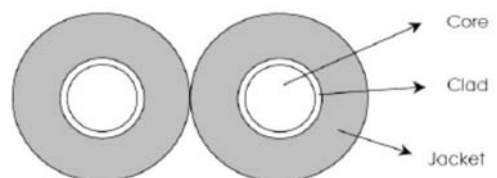
Stock No. 413-374

RS Pro Black Fibre Optic Cable, 20m, 2 Core, Polyethylene PE Sheathin



Product parameter:

- | | |
|---------------------------------|---------------------|
| ● Fiber Core Material | PMMA |
| ● Fiber Cladding Material | Fluorinated Polymer |
| ● Core refractive index | 1.492 |
| ● Numerical Aperture | 0.5 |
| ● Number of Fiber | 2 |
| ● Outer Jacket Material (Color) | PE(Black) |
| ● Minimum Bend Radius | 25 mm |



	Item	Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	980±60	YD/T1447-2006
	Cladding diameter	μm	1000±60	
	Cladding non-circularity	%	≤6	
	Outer Jacket Diameter	mm	2.2*4.4±0.10	
	Approximate Weight	g/m	8	
Optical properties	Transmission Loss	dB/km	≤200	YD/T1447-2006 (650nm)
	Transmission Loss Under 85%RH	dB/km	≤220	
Mechanical Characteristics	Repeated Bending Endurance	1000 Times	Loss Increment=≤2dB	YD/T1447-2006
	Tensile Strength	N	140	
	Twisting Endurance	20 Times	Loss Increment =≤2dB	
	Impact Endurance	0.2 N.m	Loss Increment =≤2dB	

Operating temperature: -40°C~+85°C