

RoHS  
Compliant



## Technical Specifications:

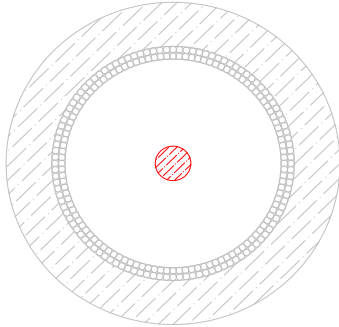
Description	4147	4148
Reference Standard	Customer's sample spec. and the general standard	BBC Style PSF 1/3
Multi-construction	Single	

## Cable Construction

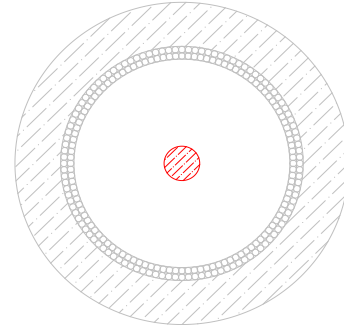
<b>Conductor</b>	Bare Copper	
Construction	0.8 ±0.02	0.605 ±0.015
Standard Dia.(mm)	0.8	0.605
<b>Insulation</b>	SPE	
Thickness	2.025	1.55
Insulation Dia.(mm)	4.85 ± 0.15	3.7 ± 0.1
Insulation Colour	Nature	
<b>Braiding 1</b>	Tinned Copper	
Construction	T0.15 x 24 x 5	T0.15 x 16 x 7
Coverage	83%	92%
<b>Braiding 2</b>	Tinned Copper	
Construction	T0.15 x 24 x 6	T0.15 x 16 x 7
Coverage	88%	89%
<b>Jacket</b>	LSZH	
Thickness(mm)	1	
Dia.(±0.2mm)	7.5	6.4
Jacket Colour	Cream	
<b>Marking</b>	PSF 1/2 75Ω Low Loss Video LSZH	PSF 1/3 75Ω Low Loss Video LSZH
<b>Packaging</b>	100m/Wooden Drum	

## Design:

4147



4148



Electrical Characteristics	
Max.Conductor DC Resistance at 20°C (Ω/Km)	<37
Min.Insulation DC Resistance at 20°C (MΩ × Km)	>200
Rated Temperature(°C)	80
Impedance	75Ω
Max Voltage (Peak)	7 Kv pulse, 3.5KV RF
Capacitance (nom)	69 pF/m
Attenuation @ 20°C	
1MHz	0.8 dB/100m
10MHz	2.6 dB/100m
135MHz	10.1 dB/100m
180MHz	11.8 dB/100m
270MHz	14.7 dB/100m
360MHz	17.1 dB/100m
570MHz	22.1 dB/100m
780MHz	36.5 dB/100m
1,000MHz	30.9 dB/100m
Velocity Ratio	0-10MHz 0.65
	200MHz 0.66

Electrical Characteristics	
Max.Conductor DC Resistance at 20°C (Ω/Km)	<65.9
Min.Insulation DC Resistance at 20°C (MΩ × Km)	>200
Rated Temperature(°C)	80
Impedance	75Ω
Max Voltage (Peak)	5 Kv pulse, 3.5KV RF
Capacitance (nom)	68.5 pF/m
Attenuation @ 20°C	
1MHz	1 dB/100m
10MHz	3.3 dB/100m
135MHz	12.4 dB/100m
180MHz	14.5 dB/100m
270MHz	18.0 dB/100m
360MHz	21.0 dB/100m
570MHz	27.1 dB/100m
780MHz	32.3 dB/100m
1,000MHz	37.5 dB/100m
Velocity Ratio	0-10MHz 0.65
	200MHz 0.66

## Part Number Table

Description	Part Number
Cable, Coaxial, 100m, Cream, LSZH, 7.5mm	4147
Cable, Coaxial, 100m, Cream, LSZH, 6.4mm	4148

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