

# PSF 1/2 75 Ohm Low Loss Video Cables LSZH



**Part NO:** #4147 **Product Code:** 775-5025

## Product Description

### Reference Standard

Customer's sample spec.and the general standard

### Multi-construction

#### Single

### Cable Construction

<b>Conductor</b>	<b>Bare Copper</b>
Construction	0.8 ± 0.02
Standard Dia.(mm)	0.8
<b>Insulation</b>	<b>SPE</b>
Thickness	2.025
Insulation Dia.(mm)	4.85 ± 0.15
Insulation Color	Nature
<b>Braiding 1</b>	<b>Tinned Copper</b>
Construction	T0.15 x 24 x 5
Coverage	83%
<b>Braiding 2</b>	<b>Tinned Copper</b>
Construction	T0.15 x 24 x 6
Coverage	88%
<b>Jacket</b>	<b>LSZH</b>
Thickness(mm)	1.0
Dia.(±0.2mm)	7.5
Jacket Color	Cream

### Marking

PSF 1/2 75 Ohm Low Loss Video LSZH

### PACKAGING

100M/Wooden Drum

## RoHS GUIDELINE

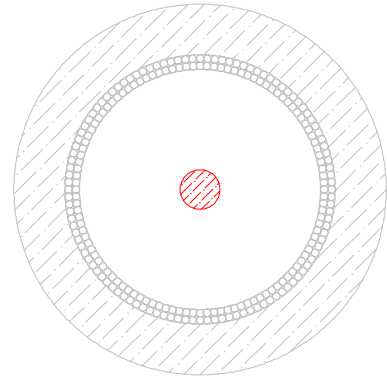
We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

### Revision History

A0-1

## Design



### A: Electrical Characteristics

Max.Conductor DC Resistance at 20°C ( Ω /Km)	<37
Min.Insulation DC Resistance at 20°C ( M Ω *Km)	>200
Rated Temperature(°C)	80
Impedance	75 Ohm
Max Voltage (Peak)	7 Kv pulse, 3.5KV RF
Capacitance (nom)	69 pF/m
Attenuation @ 20 C	
1 MHZ	0.8 dB/100m
10 MHZ	2.6 dB/100m
135 MHZ	10.1 dB/100m
180 MHZ	11.8 dB/100m
270 MHZ	14.7 dB/100m
360 MHZ	17.1 dB/100m
570 MHZ	22.1 dB/100m
780 MHZ	36.5 dB/100m
1000 MHZ	30.9 dB/100m
Velocity Ratio	
0-10 MHZ	0.65
200 MHZ	0.66

**Date:** 2013-03-07

**Page:** 1 / 1