

Coaxial LSZH Cable

pro-POWER

RoHS
Compliant



Technical Specifications:

| Description | PP000715 | PP000716 |
|--------------------|--|-------------------|
| Reference Standard | Customer's sample spec. and the general standard | BBC Style PSF 1/3 |
| Multi-construction | Single | |

Cable Construction

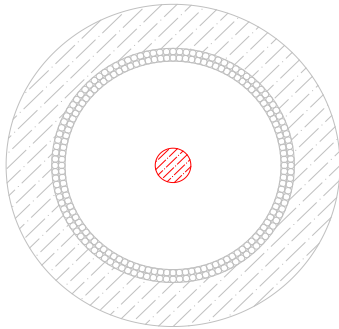
| Conductor | Bare Copper | |
|---------------------|---------------------------------|---------------------------------|
| Construction | 0.8 ±0.02 | 0.605 ±0.015 |
| Standard Dia.(mm) | 0.8 | 0.605 |
| Insulation | SPE | |
| Thickness | 2.025 | 1.55 |
| Insulation Dia.(mm) | 4.85 ± 0.15 | 3.7 ± 0.1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

Coaxial LSZH Cable

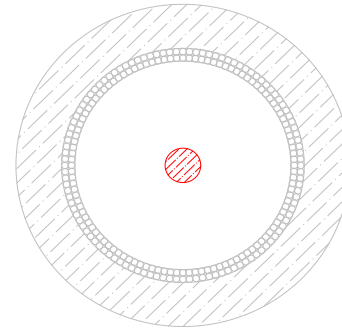
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Design:

PP000715



PP000716



| 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) | 7kV 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) | 5kV 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 | PP000715 |
| Cable, Coaxial, 100m, Cream, LSZH, 6.4mm | PP000716 |

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