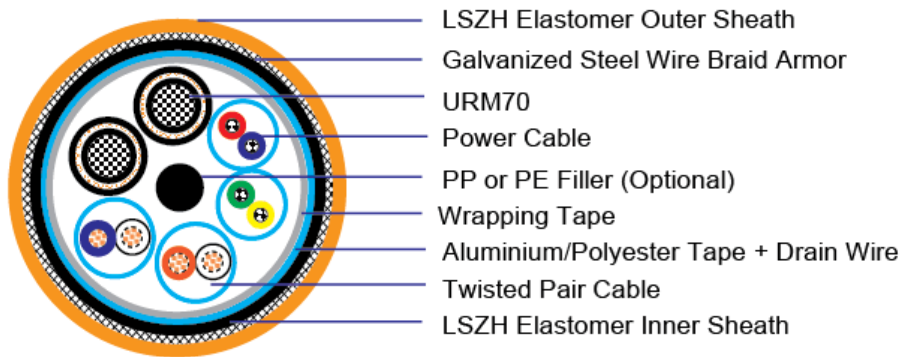




### 2XURM70 Coaxial Cable + 2X1P2.5 Power Cable + 2X1PX22AWG Screened Twisted Pair Cable SWB LSZH Sheathed Composite Cable

#### Construction:



#### 2XURM70 750hm Coaxial Cable

<b>Conductor</b>	7/0.2mm Stranded bare or tinned copper conductor, $\phi$ 0.6 mm $\pm$ 0.02 mm
<b>Insulation</b>	Polyethylene. $\phi$ 3.25 mm $\pm$ 0.15 mm
<b>Screen</b>	Copper wire braid, coverage 91 % $\pm$ 4 %
<b>Sheath</b>	Black LSZH. Nominal overall diameter 5.8 mm $\pm$ 0.25 mm

#### 2X1P2.5mm<sup>2</sup> Power Cable 300V

<b>Conductor</b>	2.5mm <sup>2</sup> Stranded bare or tinned copper conductor
<b>Insulation</b>	0.6mm LSZH, Red/Blue & Green/Yellow
<b>Screen</b>	Aluminum/polyester tape with 0.5mm <sup>2</sup> tinned copper drain wire

#### 2X1P22AWG Screened Twisted Pair Cable (Belden 8723 Equivelant)

<b>Conductor</b>	7/0.254mm Stranded bare or tinned copper conductor
<b>Insulation</b>	0.23mm PP, White/Blue & White/Orange
<b>Screen</b>	Aluminum/polyester tape with 24AWG tinned copper drain wire



## Composite Cables

### Element Assembly

<b>Filler</b>	PE or PP material if necessary
<b>Wrapping Tape</b>	Polyester tape or woven tape
<b>Screen</b>	Aluminum/polyester tape with 0.5mm <sup>2</sup> tinned copper drain wire
<b>Inner Sheath</b>	1.0mm Black LSZH
<b>Armor</b>	0.3mm Galvanized steel wire braid, coverage 85%
<b>Outer Sheath</b>	1.5mm LSZH, nominal overall diameter 25.0 mm ± 2.0 mm
<b>Sheath Color</b>	Orange. Other color available as per requested

## Electrical and Physical Properties@20°C:

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### Coaxial Cable

**Max. Conductor Resistance @ 20°C :** 92 Ω/km

**Impedance:** 75±5Ωm (@1MHz)

**Max. Attenuation:** 15.2dB/100m @100MHz

### Power Cable

**Conductor Resistance @ 20°C:** 7.41Ωm/km

**Min. Insulation Resistance:** 10 MΩm<sup>2</sup>/km

### Screened Twisted Pair Cable

**Electrical Resistance:** 49Ωm/km

**Min. Insulation Resistance:** 1000 MΩm<sup>2</sup>/km