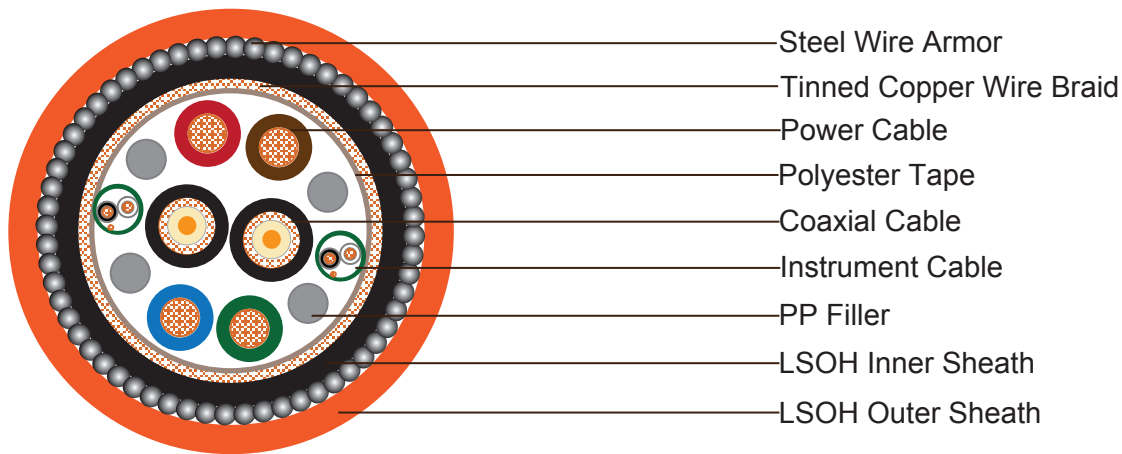




4x2.5 Power Cable +2 Instrument Pair+2 Coax Cable SWA LSOH Sheathed Composite cables

Construction:



2 Core Coaxial Cable

Conductor	7/0.22mm no oxygen copper conductor
Insulation	Polyethylene. Thickness 0.92mm
Shield	0.12mm bare copper wire braided, coverage ca.85%
Sheath	LSZH, thickness: 0.8mm; Nominal outer diameter 4.5±0.3mm
Sheath Color	Black

4x 2.5mm² Power Cable

Conductor	7/0.68mm stranded no oxygen copper
Insulation	LSZH material. Thickness 0.8mm; outer diameter 3.7±0.2mm
Insulation Color	Red, blue, green, yellow

2 Pair Instrument Cable

Conductor	7/0.22mm stranded tinned copper
Insulation	PE material. Thickness 0.50mm, outer diameter 1.6±0.2mm
Insulation Color	White/ blue; white/orange



Composite Cables

Shield	Aluminum-plastic compounded tape with 7/0.22mm tinned copper draining wire
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Element Assembly

Filler	Non-absorbent Polypropylene
Wrapping Tape	Polyestertape
Shield	Tinned copper wire braided, coverage ca.80%
Inner Sheath	Black LSOH, thickness: 1.0mm
Aarmor	0.30mm galvanized steel(single ϕ wire braided; coverage ca.80%)
Outer Sheath	LSZH , thickness: 1.7mm, Norminal outer diameter23.1 \pm 1.0mm
Sheath Color	Orange
Cable Weight	735 kg/km

Electrical and Physical Properties @20°C:

Coaxial Cable

Impedance: 75 \pm 3Ohm (@1MHz)

Max. Attenuation: 3dB/100m

Capacity: 55pF/m nominal at 1kHz

Power Cable

Electrical Resistance: 6.6Ohm/km

Insulation Resistance: \geq 5500 MOhm \times km

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: \geq 1000 MOhm \times km

Element Assembly

Min Bending Radius: 280mm

Operating Temperature: -35°C/+90°C

Long term operation temperature of cable conductor: 90°C

Max temperature of cable conductor during short circuit: \leq 250°C