1x RG59 + 3x2.5 Power Cable + 2x1x2x24AWG Data Pairs SWB LSZH Sheathed Fire Resistant & Mud Resistant Composite Cable
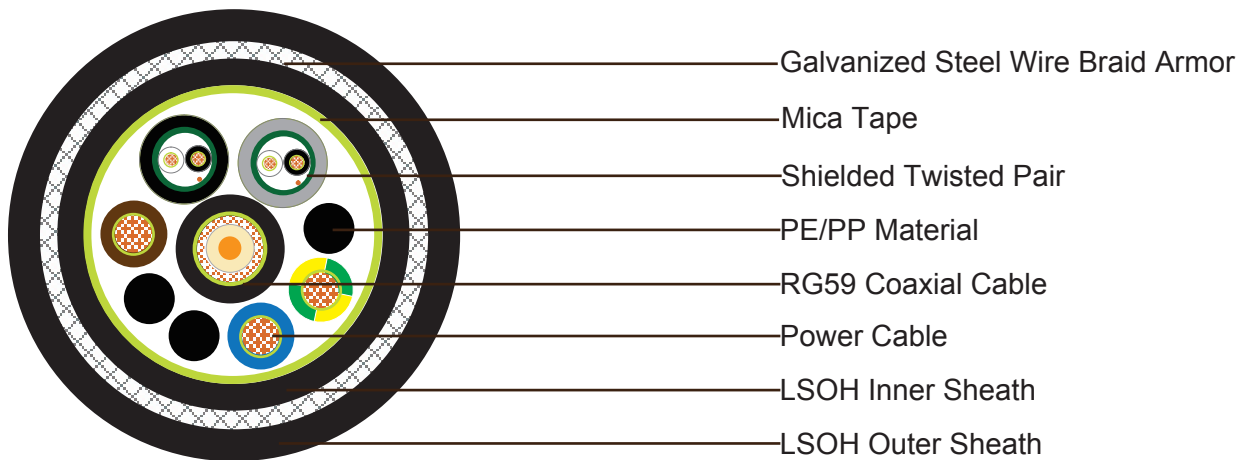
Construction:

Galvanized Steel Wire Braid Armor

Mica Tape

Shielded Twisted Pair

PE/PP Material

RG59 Coaxial Cable

Power Cable

LSOH Inner Sheath

LSOH Outer Sheath

1x75Ohm RG59 Coaxial Cable(in the center of the cable core)

Conductor	0.58mm Solid copper conductor
Insulation	Polyethylene. Thickness 1.56mm
Shield	Braid of bare copper wire. Coverage ≥ 95%
Fire Barrier	Mica tape
Sheath	FRLSZH sheath. Nominal outer diameter 6.7mm
Sheath Color	Black

2x1x2x24AWG Shielded Twisted Pair (around coaxial cable)

Conductor	7/0.2mm Stranded tinned copper
Fire Barrier	Mica tape
Insulation	PVC material. Thickness 0.7mm
Insulation Color	Black and white
Shield	Aluminium polyester tape
Drain Wire	24 AWG stranded tinned copper drain wire
Sheath	FRLSZH sheath. Nominal outer diameter 8.5mm. Thickness 0.8mm

Sheath Color	Black and Grey

3x2.5mm² Power Cable (around coaxial cable)

Conductor	2.5mm² Stranded tinned copper wire
Fire Barrier	Mica tape
Insulation	XLPE. Nominal outer diameter 4.2mm
Insultion Color	Blue, Brown and Green/Yellow

Element Assembly

Filler	PE or PP material
Fire Barrier	Mica tape
Inner Sheath	Black FRLSZH, thickness 1.5mm
Armor	Galvanized steel wire braid, coverage 95%
Outer Sheath	FRLSZH, thickness 1.5mm, nominal outer diameter 31.0±2.0mm
Sheath Color	Black

Electrical and Physical Properties @20°C:

Coaxial Cable

Impedance: 75±3Ohm (@1MHz)

Max. Attenuation: 7.5dB/100m @50MHz

Power Cable

Electrical Resistance: 12.1Ohm/km

Insulation Resistance: ≥5500 MOhmxkm

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: ≥200 MOhmxkm

Element Assembly:

Min Bending Radius: 420mm

Operating Temperature: -30°C/+80°C

Fire Performance:

Low Smoke Capacity: IEC61034-1/2

Halogen Free: IEC60754-1/2

Flame Propagation: IEC60332

Fire Resistant: IEC60331-21

Mud Resistant & other properties could be met upon request