



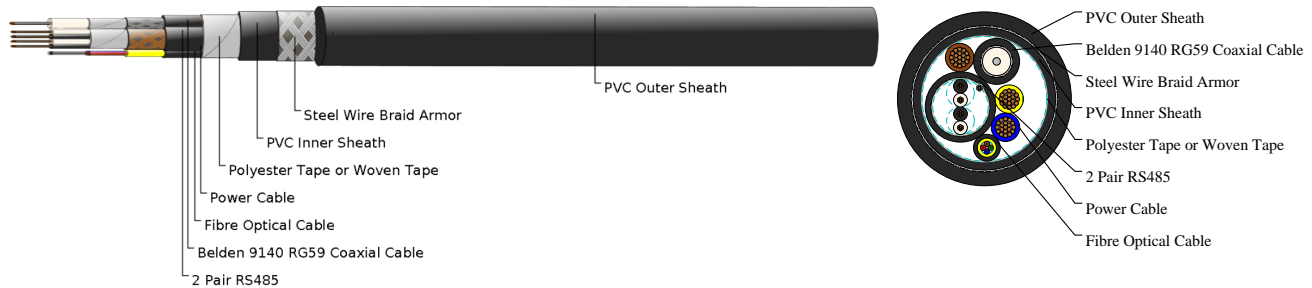
Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

3x12AWG Power Cable+RS 485+Belden 9104+Fiber Optic Cable Steel Wire Braid Armored Composite Cable



CABLE CONSTRUCTION

3x12AWG Power Cable

Conductor: 12AWG (19/0.455mm) stranded copper wire

Insulation: XLPE compound. Nominal outer diameter 3.75mm

Insulation Color: Blue, Brown and Green/Yellow

2 Pair 24AWG RS485

Conductor: 24AWG (7/0.2mm) stranded copper to IEC228 Class 2

Insulation: PE material. Thickness 0.8mm

Shield: Aluminium polyester tape with 24 AWG stranded tinned copper drain wire

Braid: Copper wire braiding

Sheath: LSZH sheath. Nominal outer diameter is 9.0mm

Sheath Color: Black

Belden 9104 RG59 Coaxial Cable

Conductor: 20AWG bare copper covered steel wire

Insulation: Foam high density polyethylene. Norminal outer diameter 3.66mm

Shield: Aluminium foil with 100% coverage

Braid: Aluminium wire braiding with 67% coverage

Sheath: PVC sheath. Norminal outer diameter 6.02mm

Sheath: Color Black

4 Core Central Loose Tube Fiber Optic Cable

Optical Fiber: Multi-mode cabled fibers meet or exceed the requirements of ITUT G.651 specification

Loose Tube: PBT tubes 1.80±0.1mm outer diameter, contains 4 fibers. The tubes are filled with a thixotropic gel to prevent the ingress of water

Aramid Yarn: Aramid Yarn is laid over the tube core to serve as peripheral strength member

Sheath: LSZH outer Sheath is extruded over the glass yarn. Nominal outer diameter is about 3.40mm

Sheath Color: Black

Element Assembly



Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Wrapping Tape: Polyester tape or woven tape

Inner Sheath: Black LSZH, thickness 1.20mm

Aarmor: Steel wire braid, coverage 80%

Outer Sheath: LSZH, thickness 1.80mm, nominal outer diameter 22.0±2.0mm

Sheath Color: Black