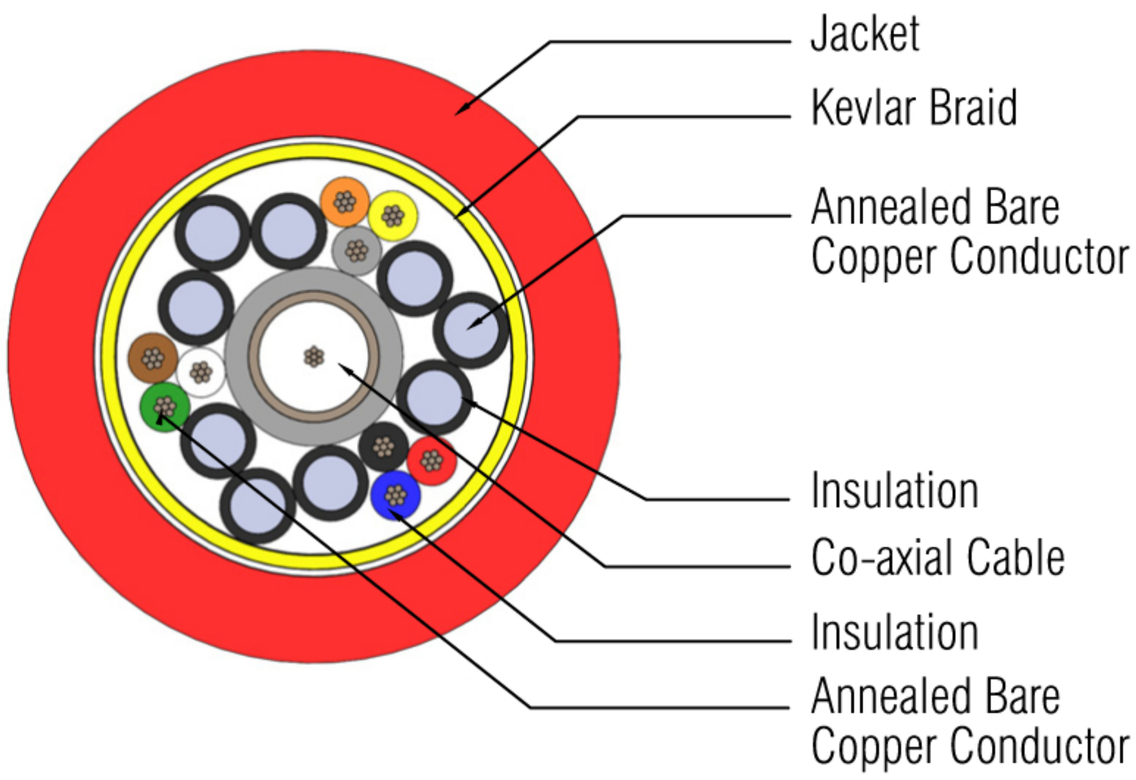
Composite / Hybrid Cables



These are customized cables in which conductors of different gauges and types are assembled under one sheath. In instrumentation cables and data/signal cables, combining different gauges of conductors, unscreened and screened elements and sometimes the power conductors, minimize the cable inventory as well as the space required for wiring.

Technical Data (Coaxial element)

No. of coaxials	1
Conductor resistance	< 75 Ω/km
Characteristic impedence	75± 5 MΩ
Capacitance	72 pF/m
Dielectric strength (HV)	1000V AC/mt

Technical Data (Conductors)

Operating voltage	0.75 mm^2	0.25 mm^2	0.75 mm^2
No. of pairs	1	3	2
Conductor resistance (Ω/km)	<26	<75	<140
Insulation resistance	20 MΩ /km		
Dielectric strength (HV)	1kV /mt		
Service temperature (PU sh)	-60°C to 70°C		
OD of cable (max)	11.5 m		
Weight of cable (approx.)	200kg/km		