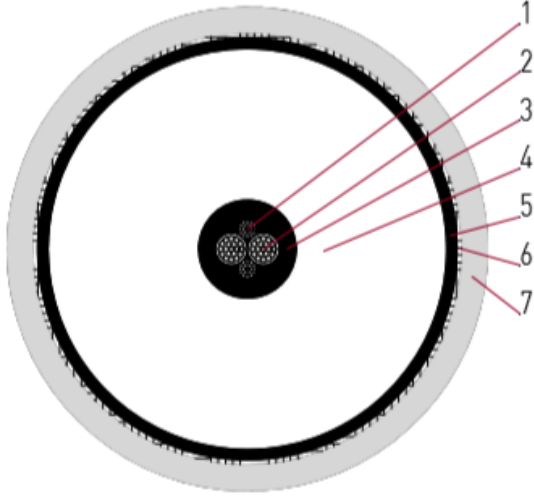




Technical Specification

C2042 230kVDC – EPR DIELECTRIC

CONSTRUCTION



1. Conductor	2x bare Cu/Sn AWG18 (19x0.24mm, t.p.c.), AWG15 in total	
2. Conductor	2x Cu/Sn AWG16 (19x0.33mm, t.p.c.), Tefzel Insulation, Rated Voltage: 5kVDC	
3. Semicon	Semiconductive EPR (black)	Ø 6.1mm
4. Dielectric	EPR	Ø 24.9mm (± 0.5 mm)
5. Semicon	Semiconductive EPR (black)	Ø 26.2mm (± 0.5 mm)
6. Braid	Cu/Sn ≥80% Coverage	Ø 26.8mm (± 0.5 mm)
7. Jacket	PVC (black)	Ø 31.1mm (± 0.6 mm)

CABLE

Operating Voltage	230kVDC / 75kVAC
Impedance	59Ω
Capacitance	115pF/m
Minimum Bend Radius	152mm
Minimum Ambient Temperature	-51°C
Maximum Conductor Temperature	121 °C
Weight	1.07kg/m
Outer Diameter	31.12mm
Colour	Black
Production Test Voltage	90kV RMS (60Hz) 20m
	Core Conductor to bare Conductor 5kV RMS – 15 seconds

