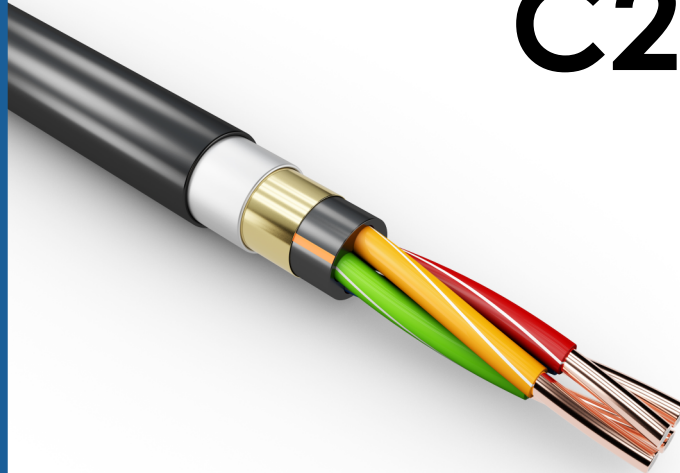




GENVOLT

Multi Conductor Cable

C2201



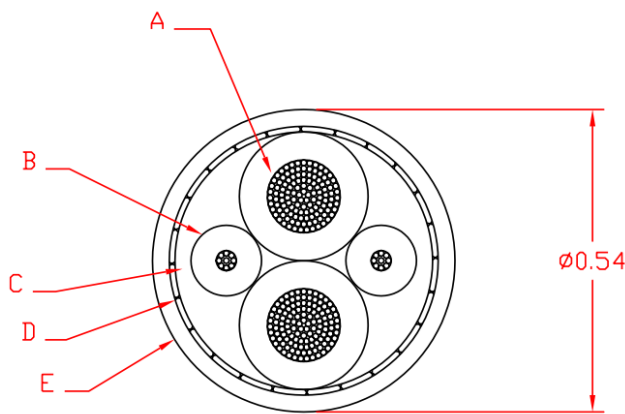
High Voltage
Multi Conductor Cable



C2201

15kV_{DC} / SILICONE DIELECTRIC / 4 CONDUCTOR SHIELDED

CONSTRUCTION



KEY

- A. 2 X #10 AWG (105x #30 AWG) TIN PLATED COPPER SILICONE RUBBER TO Ø0.22
COLOUR: ONE WHITE, ONE WHITE WITH RED STRIPE
- B. 2 X #20 AWG (10x #30 AWG) TIN PLATED COPPER SILICONE RUBBER INSULATION TO Ø0.126
COLOUR: ONE WHITE, ONE RED
- C. FILLER MATERIAL & MYLAR BINDER TAPE
- D. BRAIDED SHIELD, #34 AWG, 85% COVERAGE
- E. BLACK PVC JACKET, 0.040 WALL

TECHNICAL INFORMATION

Voltage kV (DC)		15		Voltage kV (AC)		5	
Number of Conductors		2		Outside Diameter		Inches	0.540
		2				cm	1.372
AWG		#10		Impedance		ohms	19
		#20					42
Strands		105x TC		Capacitance		pF/ft	133
		10/30 TC					43
Insulation		Silicone		Min Bend Radius		Inches	4.00
Semicon Diameter		N/A				Cm	10.16
Dielectric Insulation		Material		Silicone		Min Ambient Temp	
		Diameter (in)		0.220	0.126		
		Diameter (cm)		0.560	0.32	°C	-51
Shield		Construction		#34 TC Braid		Max Conductor Temp	
		AWG Equiv		#16			
		Coverage %		85%		°C	60
		Semicon		N/A		Weight	
				kG/m	0.417		
				Jacket Material		PVC	

GLOBAL PRESENCE



UK Office:

Genvolt, New Road, Bridgnorth, Shropshire, WV16 6NN, United Kingdom

Tel: +44 (0) 1746 862 555

Email: info@genvolt.co.uk Website: www.genvolt.com

India Office:

Genvolt India Private Limited

806, Suratwala Mark Plazzo, Hinjewadi Village, Hinjewadi, Pune, Maharashtra - 411057, India

Email: supportindia@genvolt.co.uk Website: www.genvolt.in

Research and Development:

Genvolt Ltd

New road, Bridgnorth, Shropshire, WV16 6NN

Factories:

Genvolt Ltd

New road, Bridgnorth, Shropshire, WV16 6NN

Boher High Voltage Power Supplies Ltd (Genvolt China)

No. 79 Yandangshan Road, Suyu District, Suqian City, Jiangsu, China