

Data & Control Cable

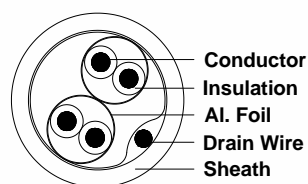
Part No: RW210222GY

Description	(7/0.25TC x 1P + PP Insulation + Al. Foil) x 2C + Drain Wire + PVC Sheath 4.5mm
Applicable Standards	N/A
Suitable Applications	For the interconnection of instruments and control equipment.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	7/0.25+/-0.006TC
Insulation	Pair: 2 Material: PP Colour: Red/Black, Green/White Min. Thickness 0.18mm / Nom. Thickness 0.22mm / Nom. O.D 1.2+/-0.1mm
Screen	Al. Foil 100% Coverage
Drain Wire	7/0.20+/-0.006TC
Sheath	Material: PVC / Colour: Grey Min. Thickness 0.40mm / Nom. Thickness 0.51mm / Nom. Sheath O.D 4.3+/-0.2mm Spark Voltage: 3000V a.c

Electrical Properties

Conductor Max D.C Resistance	49.2 ohm/km 20°C
Characteristic Impedance	45 ohm
Nom. Capacitance Core to Core	115 pF/m @ 1KHz
Nom. Capacitance Core to Shield	203 pF/m @ 1KHz
Voltage Test: Core to Core	1000V a.c/1min
Voltage Test: Core to Screen	1000V a.c/1min

Physical Properties

Inner Sheath Elongation	150%
Inner Sheath Tensile Strength	20 N/mm ²
Sheath Elongation	100%
Sheath Tensile Strength	12 N/mm ²

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	96N
Min. Bend Radius (install)	43mm
Approximate Mass	4.08kg/100m
Sheath Printing	ROADWORX RW210222 Analog Audio, 2 pair, 22AWG (meter marking)

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Pack	Qty Per Pallet
100m	Plastic Reel	10 x 4.5 x 2.5"	6R	
500m	Wooden Reel	W28 x H21.8cm	1R	

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	Sales	28-03-2013	LLS	Pent
Change History	Issue	Change		