

# Data & Control Cable

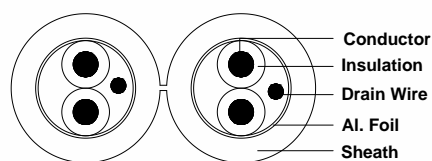
## Part No: RW250222GY

Description	(7/0.25TC x 2C + PVC Insulation + Drain Wire + Al. Foil) x 2C + PVC Sheath O.D 3.65 x 7.3mm
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: PVC Colour: Red, Black Min. Thickness 0.20mm / Nom. Thickness 0.25mm / Nom. O.D 1.3+/-0.05mm
Drain Wire	7/0.25+/-0.006mmTC
Screen	Al. Foil Coverage 100%
Sheath	Material: PVC / Colour: Grey/Red Min. Thickness 0.41mm / Nom. Thickness 0.51mm Nom. Sheath O.D H: 3.65+/-0.2mm, W: 7.3+/-0.2mm Spark Voltage: 3000V a.c

### Electrical Properties

Conductor Max D.C Resistance	55 ohm/km 20°C
Voltage Test: Core to Core	1000V a.c/1min
Voltage Test: Core to Screen	1000V a.c/1min

### Physical Properties

Insulation Elongation	100%
Insulation Tensile Strength	13 N/mm <sup>2</sup>
Sheath Elongation	100%
Sheath Tensile Strength	12 N/mm <sup>2</sup>

### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	96N
Min. Bend Radius (install)	36.5mm
Approximate Mass	4.9kg/100m
Sheath Printing	ROADWORX RW250222 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 4"	4R	
500m	Wooden Reel	W36 x H21.8cm	1R	

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