

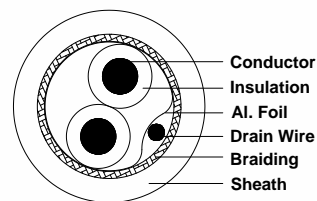
Part No: RW600124BK

Description	7/0.2TC x 1P + PE Insulation + Al. Foil + Drain Wire + 80/0.12TC Braid + PVC Sheath 4.5mm
Applicable Standards	EIA RS-485
Suitable Applications	Data transmission, Fixed or portable installations, EIA RS-485.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	7/0.20+/-0.006TC
Insulation	Pair: 1 Material: PE Colour: White/Blue Stripe, Blue/White Stripe Min. Thickness 0.20mm / Nom. Thickness 0.25mm / Nom. O.D 1.2+/-0.1mm
Screen	Al. Foil 100% Coverage
Drain Wire	7/0.20+/-0.006TC
Braiding	16/5/0.12+/-0.006mmTC / Nom. O.D ~2.98mm Coverage 90%
Sheath	Material: PVC / Colour: Black Min. Thickness 0.56mm / Nom. Thickness 0.70mm / Nom. Sheath O.D 4.5+/-0.2mm Spark Voltage: 3000V a.c

Electrical Properties

Conductor Max D.C Resistance	93.25 ohm/km 20°C
Characteristic Impedance	120 ohm
Nom. Capacitance Core to Core	12.8 pF/ft
Nom. Capacitance Core to Shield	23 pF/ft
Voltage Test: Core to Core	1000V a.c/1min
Voltage Test: Core to Screen	1000V a.c/1min
Suggest Voltage	ELV

Physical Properties

Insulation Elongation	300%
Insulation Tensile Strength	13.6 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	75N
Min. Bend Radius (install)	45mm
Approximate Mass	3.21kg/100m
Sheath Printing	ROADWORX RW600124 DMX / RS485 Control Cable, 1 Pair, 24AWG (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	W30 x H21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
	Sales	30-03-2013	LLS	Pent
Change History	Issue	Change		

