

Part No: RW21SQ24GY300

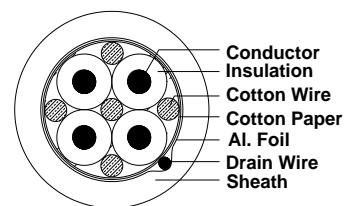
Microphone Cable

Description	42/0.1BC x 4C + PE Insulation + Cotton Wire + Cotton Paper + Al. Foil + Drain Wire + PVC Sheath Φ 6.2mm
Applicable Standards	N/A
Suitable Applications	Flexible and rugged cable for connecting to low level microphones and musical instruments in semi-permanent and stage-redeployment applications.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description	
Conductor	42/0.1+/-0.006TC
Insulation	Cores: 4 Material: PE Colour: White, Blue, White/Blue strip, Blue/White strip Min. Thickness 0.30mm / Nom. Thickness \geq 0.35mm / Nom. O.D 1.45+/-0.1mm
Filler	Material: Cotton Wire
	Material: Cotton Paper
Screen	Al. Foil Coverage 100%
Drain Wire	7/0.16+/-0.006mmTC
Sheath	Material: PVC / Colour: Grey
	Min. Thickness 0.72mm / Nom. Thickness \geq 0.9mm / Nom. Sheath O.D 6.2+/-0.2mm
	Spark Voltage: 3000V a.c

Electrical Properties

Max. Operating Voltage	100V RMS
Max. Conductor D.C Resistance	66.7 ohm/km 20°C
Max. Capacitance Core to Core	92pF/m (1KHz)
Max. Capacitance Core to Screen	175pF/m (1KHz)
Voltage Test: Core to Core	1000V a.c/1min
Voltage Test: Core to Screen	1000V a.c/1min

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	92N
Min. Bend Radius (install)	62mm
Approximate Mass	5.2kg/100m
Sheath Printing	ROADWORX RW21SQ24 Analog Microphone Cable, Star-Quad, 24AWG - Mmark - Batch MT

Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
GCC1904-0109GY300	300m	Wooden Reel	W36 x H21.8cm	1R

Document Change Record	Issue	Date	Prepared by	Approved By
	01	14-08-2019	WDM	LQM
Change History	Issue	Change		