

# Microphone Cable

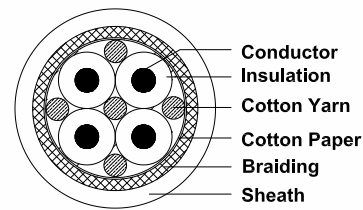
## Part No: RW20SQ24BK

Description	42/0.1BC x 4C + PE Insulation + Cotton Wire + Cotton Paper + 128/0.1TC Braiding + PVC Sheath 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 0.35mm / Nom. O.D 1.45+/-0.1mm
Filler	Material: Cotton Wire
	Material: Cotton Paper
Braiding	128/0.1+/-0.006TC O.D 3.98mm
Sheath	Material: PVC / Colour: Black
	Min. Thickness 0.91mm / Nom. Thickness 1.14mm / Nom. Sheath O.D 6.2+/-0.2mm
	Spark Voltage: 3000V a.c

### Electrical Properties

Conductor Max D.C Resistance	87.2 ohm/km 20°C
Outer Shield Max D.C Resistance	23.3 ohm/km 20°C
Nom. Capacitance Core to Core	128±2 pF/m (1KHz)
Nom. Capacitance Core to Screen	188±2 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	300%
Inner Sheath Tensile Strength	13.6 N/mm <sup>2</sup>
Outer Sheath Elongation	100%
Outer Sheath Tensile Strength	12 N/mm <sup>2</sup>

### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	92N
Min. Bend Radius (install)	62mm
Approximate Mass	5.99kg/100m
Sheath Printing	ROADWORX RW20SQ24 Analog Microphone Cable, Star-Quad, 24AWG (meter marking)

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Pack	Qty Per Pallet
100m	Plastic Reel	10 x 4.5 x 5"	4R	

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Change History	Issue	Change		