

9395 Coax - Microphone and Musical Instrument Cable



Description:

18 AWG stranded (41x34) high-conductivity tinned copper conductor, rubber insulation, conductive textile shield (100% coverage), tinned copper spiral serve shield (68% coverage), paper tape, Neoprene jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
AWG	18
Stranding	41x34
Conductor Diameter	.047 in.
Conductor Material	High Conductivity TC - Tinned Copper

INSULATION:

Insulation Material	EPDM - Ethylene Propylene Diene Monomer Rubber
Nom. Insulation Wall Thickness	.045 in.
Insulation Diameter	.137 in.

OUTER SHIELD:

Outer Shield Type	Serve/Spiral Serve/Tape
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Outer Shield Material :

Layer Number	Trade Name	Type	Material	% Coverage (%)
1		Serve	Conductive Textile	100
2		Spiral Serve	TC - Tinned Copper	68
3		Tape	Paper	100

Outer Shield % Coverage	100 %
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OUTER JACKET:

Outer Jacket Material	Neoprene
Outer Jacket Nominal Wall Thickness	.034 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.235 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +60°C
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Non-UL Temperature Rating	60°C
Bulk Cable Weight	35.1 lbs/1000 ft.
Max. Recommended Pulling Tension	36 lbs.
Min. Bend Radius (Install)	2.35 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

FLAME TEST:

UL Flame Test	VW-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	35 Ohms
Nom. Capacitance Conductor to Shield	55 pF/ft
Nominal Velocity of Propagation	62 %
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft
Max. Operating Voltage - Non-UL	600 V RMS
Max. Recommended Current	6 Amps per conductor @ 25°C
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9395 0101000	#18 EPDM SH CR	1000	38	BLACK	

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