



9394 Coax - Microphone and Musical Instrument Cable



Description:

20 AWG stranded (27x34) high-conductivity tinned copper conductor, EPDM rubber insulation, conductive textile shield (100% coverage), tinned copper spiral serve shield (95% coverage), paper tape, Neoprene jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
AWG	20
Stranding	27x34
Conductor Diameter	.037 in.
Conductor Material	High Conductivity TC - Tinned Copper

INSULATION:

Insulation Material	EPDM - Ethylene Propylene Diene Monomer Rubber
Nom. Insulation Wall Thickness	.030 in.
Insulation Diameter	.097 in.
Insulation Resistance	500 Megohms/1000 ft. @ 500 V DC

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	95
3		Tape	Paper	100

Outer Shield % Coverage	100 %
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OUTER JACKET:

Outer Jacket Material	Neoprene
Outer Jacket Nominal Wall Thickness	.033 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.190 in.
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MECHANICAL CHARACTERISTICS:



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Operating Temperature Range	-30°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	26.3 lbs/1000 ft.
Max. Recommended Pulling Tension	28 lbs.
Min. Bend Radius (Install)	1.9 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	34 Ohms
Nom. Capacitance Conductor to Shield	55 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	8.7 Ohms/1000 ft
Max. Operating Voltage - Non-UL	300 V RMS
Max. Recommended Current	4 Amps per conductor @ 25°C (10°C rise in temp)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9394 0101000	#20 EPDM SNGLS CR	1000	28	BLACK	C

C = CRATE REEL PUT-UP.

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