



Part Number: 9452

Microphone Cable, #24-1pr, TC, O/A Foil, CM

Product Description

24 AWG stranded (19x36) HC TC conductors, high-density polyethylene insulation, twisted pair, noise reducing tape, Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	19x36	High Conductivity TC - Tinned Copper	0.024 in	2
Total Number of Conductors:				2

Insulation:

Material	Nominal Diameter	Nominal Wall Thickness
HDPE - High Density Polyethylene	0.04 in	0.008 in

Color Chart 1:

Color
Black
Red

Outershield 1:

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	1	Noise Reducing		100 %	TC - Tinned Copper	24	Stranded mm
Tape	2	Aluminum Foil-Polyester Tape	Beldfoil®	100 %			

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.135 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
25 Ohm/1000ft	16.5 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	58 pF/ft

Impedance:

Nominal Characteristic Impedance
56 Ohm

Current:

Max. Recommended Current [A]
2.2 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.18 μ H/ft

Voltage:

Non-UL Voltage Rating
200V RMS

Use

Max Recommended Pulling Tension:	17.7 lbs
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Temperature Range

Non-UL Temp Rating:	75°C °C
Operating Temp Range:	-40°C To +75°C °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.5 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Product Variants

Part Number	Color	Put-Up Type	Length
9452	BLACK	Reel	1000 ft
9452	BLACK	Reel	305 m
9452 0101000	BLACK	Reel	1000 ft
9452	BLACK	Reel	500 ft
9452	BLACK	Reel	152 m
9452 010500	BLACK	Reel	500 ft
9452	BLACK	UnReel	1000 ft
9452	BLACK	UnReel	305 m
9452 010U1000	BLACK	UnReel	1000 ft
9452	BLACK	UnReel	500 ft
9452	BLACK	UnReel	152 m
9452 010U500	BLACK	UnReel	500 ft
9452			

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