

YJ29978

FLEXIBLE MICROPHONE CABLE



For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

24 AWG stranded bare copper, polyethylene insulation, twisted pair, overall non-woven tape separator with tinned copper braid (95% coverage), PVC jacket

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Conductor Stranding	42 x 0.08mm
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Diameter of	1.42 mm

OVERALL CABLING:

Overall Cabling Lay Length	38 mm
Overall Cabling Color Code Chart:	White*Blue
Overall Separator Type	Tape
Overall Separator Material	Non-woven
Overall Separator Coverage (%)	100
Overall Shield Type	Braiding
Overall Shield Material	TC - Tinned Copper
Overall Shield Coverage (%)	95% Nom.

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	1.30 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	6.10 mm
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	- 30°C To + 75°C
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Temperature Rating	+ 75°C @ maximum voltage
Voltage Rating	100V @ maximum temperature
Bulk Cable Weight	47 kg/km

APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	June 2007

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20°C	26.6 Ω/1000FT
Max. continues current per conductor (25°C)	1.75 A
Nom. Capacitance Between conductor of Pair @ 1KHz	39.2 pF/FT
Nom. Capacitance Between conductor to Shield @ 1KHz	57.2 pF/FT
Nom. Inductance	0.21 μH/FT
Nom. Impedance	40 Ω
Test voltage cond.~cond.(DC)	2.5 kv/3s
Test voltage cond.~screen(DC)	1.5 kv/3s
Min. bengding radius	10xCable diameter

PUT-UPS AND COLORS:

Item	Description	Put-Up (metre)	Ship Weight (kg)	Jacket Color
YJ29978 0101000	1PR 16AWG UNSHIELDED PE/PVC	305	20.5	Blk

Revision Number: 0

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