

MULTI-PAIR 110 Ohms CABLE FOR DIGITAL AES/EBU AND ANALOG AUDIO



This product was specifically developed for use in recording studios, radio and television broadcasting stations, mobile units, etc.

This cable is made up of balanced pairs, each of which is covered by individually numbered plastic insulation to make connecting work easier.

The assembly of the pairs and the special characteristics of the sheath make the cable an excellent performer when bent or even twisted.

This multi-pair cable is especially suited for use in places where space is scarce, since connectors can be soldered directly to the conductors.

The conductors are shielded using the PT/AL-Foil technique.

Each pair includes a ground wire. Each conductor has an area of 0.22 square mm, and each pair is twisted.

They are available in 2, 4, 8, and 16 pairs. The individual sheaths are silver gray in color, and the outer sleeve is navy blue.

TECHNICAL DATA

CABLE Reference	MS-02D	MS-04D	MS-08D	MS16D		
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CONDUCTORS

Area	0.22 mm ²
Wires/Conductor	7 X 0.2 mm copper
Insulation	1,4 mm diameter . Cellular polyethylene

PAIRS

Numer of conductors	2 X 2	4 X 2	8 X 2	16 X 2		
Shielding	PT/AL foil, 100% covering + 7 X 0.2 copper ground wire + gray PVC inner sheath, 3,7 mm in diameter					

MECHANICAL DATA

Sheath	Navy blue compacted PVC					
Overall diameter + - 0.5 mm	9,1	10,7	14,3	20,1		
Minimum bending radius						
Fixed installation	Five times overall diameter					
Mobile use	Ten times overall diameter					
Working temperatures	-15°C/ + 70° C					
Weight in g/m	95	122	209	410		
Length of roll	Supplied in variable lengths. Minimum order 100 meters. By type and delivery.					

ELECTRICAL DATA

Cond./Cond. capacitance	40 pF/m
Tracking resistance	78 Oh/Km
Impedance	110 Ohms
Operating voltage	300 V.
Test voltage	1500 V.



PA-03D SINGLE-PAIR 110 Ohm CABLE FOR DIGITAL AND ANALOG AUDIO

PA-03D cable is particularly recommended for indoor and outdoor wiring of analog and digital audio systems such as radio, television and recording studios and controls.

Its characteristic 110-Ohm impedance permits digital installations with very long cable lengths. Its 3,9 mm diameter results in an excellent finish appearance in the wiring of visible equipment items.

TECHNICAL DATA

CABLE Reference	Red :PA03-DR	Blue : PA-03 DA	Grey: PA-03DG
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CONDUCTORS

Area	0.22 square mm
Wires/Conductor	7 X 0.20 mm tin-plated copper
Core insulation	Celular polyethylene. Diameter: 1.4 mm. Colors: white and red

PAIRS

Number of conductors	1 X 2
Shielding	PT/AL foil, 100% covering + 7 X 0,20 mm tin-plated copper ground wire

MECHANICAL DATA

Sheath	PVC-NBR
Overall diameter	3,9 mm
Minimum bending radius	
Fixed installation	Five times the overall diameter
Mobile use	Ten times the overall diameter
Working temperatures	-20° C / +70° C
Weight (g/m)	17
Length of roll	100 meters

ELECTRICAL DATA

Cond/Cond Capacitance	40 pF/m
Tracking resistance	78 Ohm/Km
Impedance	110 Ohm
Operating voltage	300 V
Test voltage	1500 V

MICROPHONE CABLES



Daily use in studio and on-the-scene applications places ever greater demands on microphone cables. In the area of balanced cables, AEQ-NAE has paid a great deal of attention to these demands.

The highly flexible covering of our microphone cable has a diameter of 6.4 mm and is made of PVC whose appearance resembles that of rubber. This material ensures the flexibility of the cable even under extreme temperature conditions, such as in live outdoor recordings.

The dense spiral-braided copper shielding provides constant insulation, protecting against the greatest mechanical stresses and avoiding the noise associated with the movement of the cable.

Both conductors contain 28 twisted wires, with a surface of 0.22 square mm, an unusually high number that ensures durability and low electrical resistance: only 78 Ohms per kilometer. The robust construction of the cable, with its cotton padding, keeps its capacity level constant.

TECHNICAL DATA

CABLE Reference	RED: MI-206R	BLUE: MI-206A	BLACK: MI-206N
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CONDUCTORS

Area	0.22 square mm
Wires/Conductor	28 X 0.1 mm copper
Insulation	PVC. Diameter: 1.20 mm. Colors: blue - red

PAIRS

Number of conductors	1 X 2
Shielding	Spiral-braided copper wire shielding. Covering: 90-100%

MECHANICAL DATA

Sheath	PVC-NBR, matte
Overall diameter	6.40 +/- 0.2 mm
Minimum bending radius	
Fixed installation	Five times the overall diameter
Mobile use	Ten times the overall diameter
Working temperatures	-20° C/ +80° C
Weight (g/m)	54
Length of roll	100 meters

ELECTRICAL DATA

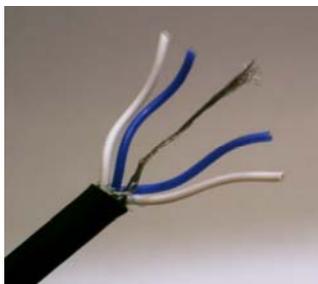
Capacity	130 – 140 pF/m
Tracking resistance	78 Ohm/Km
Rated voltage	300 Volt.
Test voltage	1500 Volt.

These specifications are subject to change

AEQ Internacional : c/ Margarita Salas, 24 - 28919 Leganés / MADRID (SPAIN) Phone: 34 91 686 13 00 - Fax: 34 91 686 44 92
e-mail: aeqsales@aeq.es - <http://www.aeq.es>

AEQ USA: 4121 SW 47 Avenue, Suite 1303 Fort Lauderdale FL 33314 Telf.: 954 - 581 7999 Fax.: 954 - 581 7733
e-mail: sales@aeqbroadcast.com - <http://www.aeqbroadcast.com>

MI-406 MICROPHONE CABLE



AEQ MI-406 is a high quality microphone cable, that includes in one cover 4 wires. Daily use in studio and on-the-scene applications places ever greater demands on microphone cables. The highly flexible covering of our microphone cable is made of PVC whose appearance resembles that of rubber. This material ensures the flexibility of the cable even under extreme temperature conditions, such as in live outdoor recordings.

The dense spiral-braided copper shielding provides constant insulation, protecting against the greatest mechanical stresses and avoiding the noise associated with the movement of the cable.

Each conductor contain 25 twisted wires, with a surface of 0.1 square mm, an unusually high number that ensures durability and low electrical resistance. The robust construction of the cable, with its cotton padding, keeps its capacity level constant.

TECHNICAL DATA

CABLE Reference	BLACK: MI-406
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CONDUCTORS

Area	0.20 square mm
Wires/Conductor	25x0.1
Insulation	PVC diameter 1,40 mm blue-white colour
Diameter	2 mm

PAIRS

Number of conductors	4 QUAD
Shielding	Spiral-braided copper wire shielding. Covering: 100%

MECHANICAL DATA

Sheath	PVC-NBR black
Overall diameter	9mm, Minimum bending radius 90mm for fixed or mobile installations
Working temperatures	-20° C/ +70° C
Weight	49 gr/m
Length of roll	300meters

ELECTRICAL DATA

Capacity	59pF/m
Tracking resistance	92.2ohm
Resistance	83ohm
Rated voltage	300V
Test voltage	1500V

These specifications are subject to change