

MUSICAL INSTRUMENT CABLES

Audio - Balanced microphone cables

TECHNICAL FEATURES

Conductor	Bare or Tinned copper strand or OFC (Oxygen Free Copper)
Insulation	Polyethylene LDPE
Shield	Overall Aluminium polyester tape
Braid or Spiral shield	Tinned (TC) or bare copper (BC)
Inner sheath	Highly conductive compound
Sheath material	High-flex Polyvinyl Chloride (PVC) Black, Red or Blue
Printing	To be defined
Standards	EN 50170 / VDE 0482-332-1-2/IEC 60332-1-2
Core colours identification	table(1) : Clear table(2) : Clear, Red



APPLICATION

Extra flexible Balanced microphone cables, for audio wiring applications and recording studios. Recommended for high performance sound reproduction, excellent screening efficiency and noise protection.

Suitable for analog and high fidelity digital connections, with low capacitance and low cable-loss characteristics.

SPECIAL FEATURES

ITAL535M wires for analog and high quality digital connections, unbalance microphone cables.

ITAL675M/995M/805M Balanced microphone connections.

ITAL818M universal AES/EBU digital audio connections and DMX signal control transmission.

REMARKS

Conform to RoHS

CE acc. to EC low-voltage Directory 73/23/EEC and 93/68/EEC

Physical characteristics		ITAL535M	ITAL675M	ITAL995M	ITAL805M	ITAL818M
ITALCOND part number						
No. Of core	num	1	2	2	2	2
Size	mm2	0,35	0,35	0,22	0,14	0,18
Conductor stranding	n.xmm	19x0,15 BC	19x0,15 BC	30x0,10 BC	18x0,10 BC	7x0,18 TC
Drain wire stranding	n.xmm	-	19x0,15	-	7x0,18 TC	7x0,18 TC
Nom. Diameter of copper conductor	mm	0,76	0,76	0,64	0,49	0,56
Insulation material	type	LDPE	LDPE	LDPE	LDPE	LDPE
Nom. Radial Thickness insulation	mm	0,50	0,30	0,40	0,25	0,35
Overall diameter of conductor	mm	1,70	1,45	1,45	1,00	1,30
Colour coding	table	1	2	2	2	2
Shield	Yes/No	No	No	No	Yes	No
Screen (braid or spiral)	Yes/No	Braid BC	No	Yes Spiral BC	No	Yes Spiral BC
Inner sheath	type	Highly Conductive Compound			-	-
Sheath material	type	PVC Flex	PVC Flex	PVC Flex	PVC Flex	PVC Flex
Nom. Radial sheath thickness	mm	1,70	1,00	1,30	0,80	0,80
Nom. overall outer diameter	mm	6,00	6,00	6,30	4,00	5,00
Electrical Characteristics						
Nominal Resistance conductor at 20°C	Ω/km	56	56	86	134	110
Capacitance conductor to conductor	pF/m	110	60	58	66	46
Capacitance cond. to other cond.+shield	pF/m	-	-	91	102	23
Impedance	Ohm	-	-	-	-	110
Miscellaneous						
Operating temperature	°C	-20/+70	-20/+70	-20 / +70	-20 / +70	-20 / +70
Nominal cable weight	kg/km	40	55	55	25	55