



high end double shielded microphone cable 2 x 0.50 mm² - intermediate jacket - PVC

- 0.50 mm² conductor cross section (AWG 20)
- very low capacitance 55 pF/m (17 pF/ft)
- double, counter rotating bare copper spiral shield
- inner jacket for stabilising pair twisting
- for high end studio microphones

PVC

Our highest-end microphone cable transmits signals over long distances with minimum loss and low attenuation, thanks to a range of characteristics including its cross-section of 0.50 mm². Designed with studio use in mind, the cable is packed with every possible feature to eliminate interference. The high longitudinal conversion loss (LCL) necessary for microphone cables is achieved by incorporating a range of solutions such as cores with ultra-low production tolerances, moulded PVC inner jacket around the cores to maintain their ex-factory high-precision stranding, and a stabilizing element that significantly improves pressure resistance. A double counter-rotating spiral shield provides 100% cover for the inner jacket and reliably screens the cable from electromagnetic interference.

design

cond. construction	stranded bare copper, 28 x 0.15 mm
cond. cross section	0.50 mm ²
insulation	polyethylene (PE)
core arrangement	2 cores twisted to a pair
inner jacket	extruded inner covering from PVC
shielding	double, counter-rotating, bare copper spiral shield
outer jacket	PVC
overall diameter	7.0 mm

electric

conductor resistance	< 37.5 Ω/km
capacitance	
cond./cond.	55 pF/m
cond./shield	100 pF/m
insulation resistance	> 10 GΩ x km

mechanical & thermal characteristics

working temperature	-25°C / +70°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directive RoHS 2011/65/EU from 08.06.2011
REACH conformity	acc. to REACH regulation 1907/2006
CE conformity	acc. to EU directive LVD 2014/35/EU
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	1097 kJ/m

order code	cable color	weight kg/m	standard lengths m
MC5000	black	0,08	30 / 50 / 100 / 200 / 300 / 500

technical specifications are subject to change