



### durable pro microphone cable - 2 x 0.50 mm<sup>2</sup> - FRNC

- 1 x 2 x 0.50 mm<sup>2</sup> (AWG 20)
- stabilizing polyethylen (PE) intermediate jacket
- flame retardant and non corrosive (FRNC)
- braid shielded wires

## FRNC

The MY250CH combines the outstanding features of the MY250CY microphone cable - outstanding signal transmission and high mechanical stability - with an outer FRNC jacket. The cable is thus flame-retardant and fully halogen-free, making it ideal for fixed microphone installations. Its conductor cross-section of 0.50 mm<sup>2</sup> guarantees lossless signal transmission even over long transmission distances. The polyethylene intermediate jacket protects the perfectly exact twisting of the cores and thus their symmetry, and also enhances crush resistance under pressure. A tinned braided copper shield with extremely high 85% screening offers reliable protection against electromagnetic interference; it also improves tensile strength and can be soldered faster than a non-tinned shield.

### construction

cond. construction	stranded bare copper, 16 x 0.20 mm
cond. cross section	0.50 mm <sup>2</sup>
insulation	polyethylene (PE)
core arrangement	2 cores twisted to a pair
inner jacket	extruded inner covering from PE
shielding	tinned copper braid, 85% coverage
outer jacket	FRNC
overall diameter	5.6 mm

### electric

conductor resistance	< 40 Ω/km
capacitance	
cond./cond.	65 pF/m
cond./shield	115 pF/m
insulation resistance	> 0.1 GΩ x km

### mechanics

min. bending radius	55 mm
working temperature	-30°C / +70°C

order code	colour	weight [kg/m]
MY250CH	black	0,045

technical specifications are subject to change