

SCX-104

Application

These instrument cables are ideal for stage uses, where mechanical resistance plays a considerable part. For that purpose, this sort of cables would be produced under specific controls in respect of their resistance and stability. The SCX-104 instrument cable, designed in favour of professional purposes, keep away external signals from the conductors by using double screening; a conductive plastic layer underneath the copper spiral wound shield provides total protection against interference. The space between the two conductors remain unchanged, because of the special plastic layer insulation, which avoid even under the heaviest load contusions and flexures, and causes therefore a regular electrical performance. The impressive insulation of the conductor creates minimum capacitance, clear sounds and minimum loss.

The unbalanced SCX-104 cable, 6 mm.Ø in diameter, is manufactured with a special supplemented PVC cover, in order to provide more flexibility and stability.



Technical Data

Construction

Conductor ... bare copper (OFC).....Ø 7x0.20 mm
Insulation ... foam-skin polyolefin Ø 1.50 mm
1.Shield.....conductive plastic layer..... Ø 1.90 mm
2.Shield.....bare copper spiral shield..... Ø 2.10 mm
Sheath.....PVC, (mat) Ø 6.00 mm

Electrical characteristics

Capacitance cond./shield 92 pF/mt (nom)
Velocity of propagation..... 0.78 (nom)
DC- resistance.....inner 85 ohm/km (max)
shield..... 41 ohm/km (max)
Insulation resistance..... 1 Gohm x km (min)

General data

Operating temperature..... -25 +70°C
Bending radius ...+20 °C..... 30 mm (min)
-25 °C..... 60 mm (min)
Delivery length..... 100/500/1000 mt
Copper weight..... 0.7 kg/100 mt
Weight..... 4.0 kg/100 mt
Colors Black, Red, Blue, Green, Yellow

References

Test for vertical flame spread..... IEC 60332-1/2
All of our products konforum to ROHS directives.