



MC 6250-14
Twin Microphone Cable

TWIN MICROPHONE CABLE PVC WITH ALUMINIUM FOIL MC 6250-14

MATERIAL

Conductor: Annealed Untinned Copper Wire
Insulation: LDPE DFD 6005 (USA), 105°C
Sheath: 105°C PVC to UL 62
Drain Wire: Annealed Tinned Copper Wire

CONSTRUCTION:

Conductor

No. of Strand: 20
Lay length (Max), mm: 38
Diameter of Single Strand, mm: 0.14 ± 0.008

Insulation

Average Thickness, mm: 0.44
Overall diameter, mm: 1.60 ± 0.05
Temperature (Max): 105°

Assembly

No. of cores: 2
Colour of cores: Clear and Black
Aluminium Foil/Mylar thickness, mm: 0.025 ± 0.005
Coverage of Aluminium Foil: 100%

Drain Wire

No. of Strand: 20
Diameter of Single Wire, mm: 0.14 ± 0.008
Lay of Strand (Max), mm: 38

Sheath

Average thickness, mm: 0.80
Overall diameter, mm: 4.90
Temperature (Max): 105°C
Colour: Grey

ELECTRICAL PROPERTIES

Conductor resistance (Max), ohm/kM (20°): 60
Insulation resistance (Min), Mohm/kM
(20°C): 10 (By immersion test)

High tension voltage applied between conductors
for 1 minute: 1 kV

Requirement: No breakdown

PHYSICAL PROPERTIES

Elongation & Tensile Strength before aging.

Conductor: Elongation (Min): 15%
Insulation: Elongation (Min): 200%
Tensile Strength (Min): 1.40 kgf/mm²
Drain Wire: Elongation: 15%
Sheath: Elongation (Min): 100%
Tensile Strength (Min): 1.05 kgf/mm²