

Multi Purpose 20 Wire (10 Pair) High Performance Connector

Product Model#: Ayk-MPC-10P

Applications & Features

- It is a part of last mile solution.
- Simple and robust design.
- Wire broken Connector for Telecom Application.
- Easy to install in variable fitting dimensions both on pole and pillar type. (Friendly work man ship)

Specifications:

Dimensions:

Length	150 mm
Width	95 mm
Height	22.4 mm

Weight:

300 Gram

Material:

ABS

Copper (99.99% pure)

Brass

Iron

Mechanical properties of ABS Material:

Shear modulus	700-1050 MPa
Tensile Strength	41 – 60 MPa
Compression Strength	60 – 86 MPa
Impact Strength	0.56 - 2.2 J/cm

Physical Properties of ABS Material:

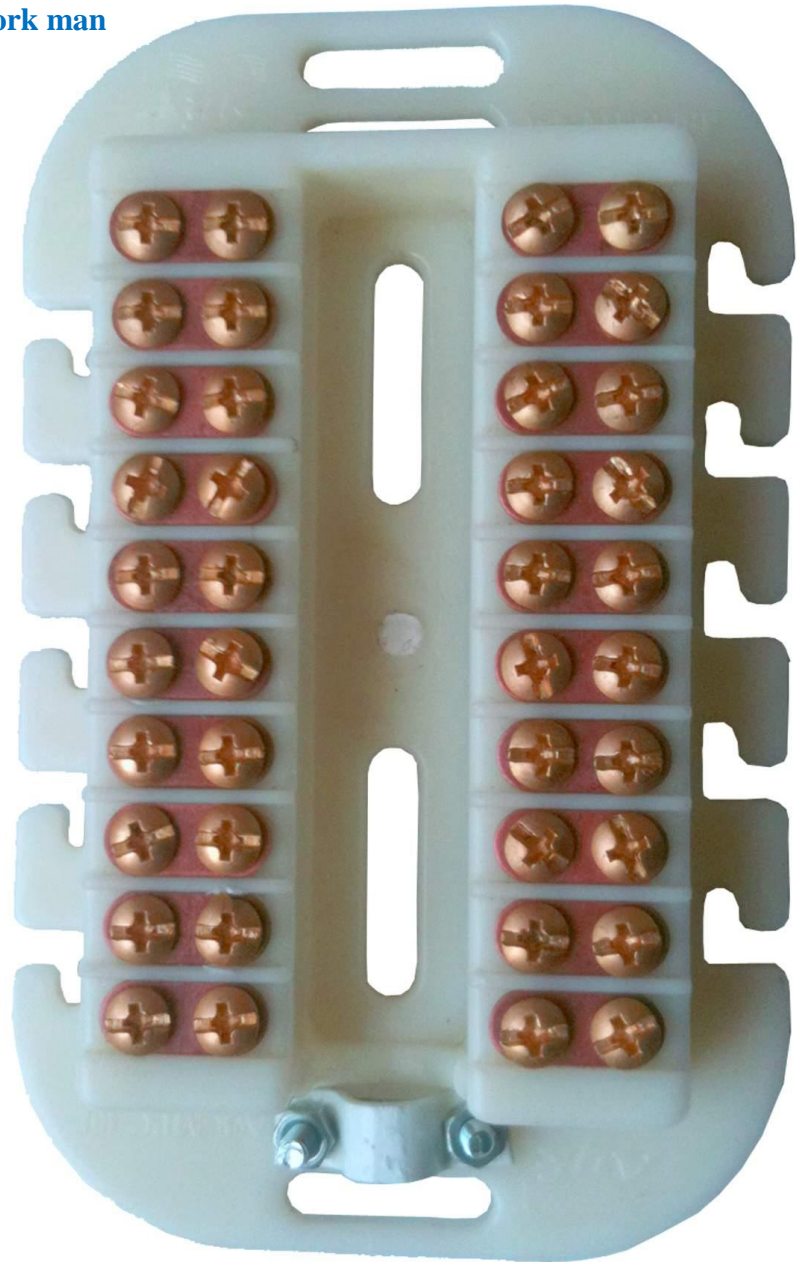
Thermal Expansion	50 – 85 e-6/K
Thermal conductivity	0.17 - 0.188 W/m.K
Glass temperature	105 – 105 °C
Service temperature	-20 – 80 °C
Density	1060– 1080 kg/m ³
Breakdown potential	14 – 20 kV/mm

Specific Properties of Copper Material:

Specific heat at	293 k0.383kJkg (-1) K (-1)
Thermal Conductivity	394W m(-1) K(-1)
Electrical Resistivity	1.673x10(-8) ohm-m

Physical Properties of Copper Material:

Malleable and Ductile
Excellent Electrical Conductor
Non-Magnetic
Resistant to Corrosion
Excellent Heat Transfer Characteristics



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