

M E S C

Middle East Specialized Cables
COMMUNICATION CABLE



MESC.DOC.REF.#191039-01-00 Date: 28.06.2020

CONSTRUCTION:

Conductor	Tinned Copper to ASTM B-33 & Stranded to class C of ASTM B-8
Insulation	Solid Polyethylene.
Pairs	Insulated conductors twisted with suitable twist lay.
Color Code	Black/Clear
Shield	Aluminum backed Mylar tape (25µm) is applied with 100% coverage, with drain wire 16AWG
Outer Jacket	Extruded GREY Low Smoke Halogen Free thermoplastic.
Printing test	TYPE CL2 SHIELDED 1PR14AWG MESC YEAR

TECHNICAL DATA:

Temperature Range	70°C
Voltage Rating	600 Volts
Conductor Resistance	9.4 Ω/Km at 20 °C
Mutual Capacitance(between conductors) (at 1KHz)	≤ 75nF/Km
Capacitance(between conductor and shield) (at 1KHz)	≤ 144 nF/Km

MESC Code	No. of Pair	Size (AWG)	Cond. no. of strands (N)	Insulation Thickness (mm)	Outer Jacket Thickness (mm)	Overall Diameter (mm)	Approx. Weight (kg/km)
12C2-01P14AWG-U0GY8-H5	1	14	19	0.78	0.83	9.0	106