

M E S C
Specialized Cables
PUBLIC ADDRESS SYSTEMS, ANALOG VIDEO & AUDIO CABLES



APPLICATION: Residential, Intercom/Paging, Audio/ Security purposes

CONSTRUCTION:

Conductor	Tinned Copper to ASTM B-33 & Stranded to class C of ASTM B-8
Insulation	Solid Polyethylene
Color Code	Black/Clear
Pairs	Insulated conductors twisted with suitable twist lay.
Shield	Aluminum backed Mylar tape (25µm) is applied with 100% coverage, with drain wire 18AWG.
Outer Jacket	Extruded GREY Low Smoke Halogen Free thermoplastic
Printing Text	TYPE CL2 SHIELDED 1PR16AWG LSHF MESC YEAR METER MARKING

TECHNICAL DATA:

Temperature Range	70°C
Voltage Rating	600 Volts
Conductor Resistance	14.3 Ω/Km at 20 °C
Mutual Capacitance(between conductors) (at 1KHz)	≤ 75nF/Km
Capacitance(between conductor and shield) (at 1KHz)	≤ 144 nF/Km

DIMENSION AND WEIGHT DETAILS:

NO.	MESC CODE	NO. OF PAIRS	SIZE (AWG)	NO. OF STRANDS	INSULATION THICKNESS (mm)	OUTER JACKET THICKNESS (mm)	OVERALL DIAMETER (mm)	APPROX. WEIGHT (kg/km)
5	12C2-01P16AWG-U0GY8-H5	1P	16	19	0.81	0.81	8.2	85