

M E S C
Middle East Specialized Cables Co.
PUBLIC ADDRESS SYSTEMS, ANALOG VIDEO & AUDIO CABLES



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

CONSTRUCTION:

Conductor	Stranded bunched tinned copper conductor, Class K of ASTM B8
Insulation	Solid Polyethylene
Color Code	Black & Clear
Pairs	Insulated conductors twisted to form a pair with suitable twist lay
Shielding	Twisted pair assembled & shielded with aluminum polyester tape and a tinned copper drain wire.
Outer Jacket	Extruded GREY Low Smoke Halogen Free thermoplastic
Printing on the Jacket	TYPE CM SHIELDED 1PR18AWG LSHF 12047 NH MESC YEAR METER MARKING

TECHNICAL DATA:

UL Temperature Range	70°C
Operating Temperature range	-20°C to +70°C
Max operating Voltage Rating	300 Volts
Nominal Capacitance (between conductors)	80 pF/m
Capacitance (between conductor and shield)	≤ 154 nF/Km (at 1KHz)
Conductor D.C. resistance	≤ 24.6 Ω/km at 20°C
Nominal Inductance	0.6 μH/m
UL Flame test	IEC 60332-1-2
Halogen acid gas (outer sheath)	≤ 0.5% (IEC 60754-1)
Light transmission (outer sheath)	≥ 60% (IEC 61034-2)
Bending Radius	55 mm

DIMENSION AND WEIGHT DETAILS:

S/NO.	COLOR	MESC CODE	PAIR X SIZE (P x AWG)	NO. OF STRANDS (N)	OVERALL DIAMETER (mm)	APPROX. WEIGHT (kg/km)	PACKING
13	GREY	1292-01P18AWG-U0GY8-8H	1 x 18AWG	16	6.1	43	Drum of meters

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