

M E S C

Middle East Specialized Cables
PUBLIC ADDRESS SYSTEMS
ANALOG VIDEO & AUDIO CABLES



APPLICATION: Residential, Intercom/Paging, Audio/ Security

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.
Assembly & Shielding	Twisted pair assembled & shielded with aluminum polyester tape and a tinned copper drain wire.
Outer Jacket	Extruded Grey Color PVC. Rip cord under sheath provided
Printing on the Jacket	TYPE CL2 SHIELDED 1PR14AWG P/N 12049 MESC YEAR METER MARKING

TECHNICAL DATA:

NEC reference	800
NEC Type	CM
UL Temperature Range	80°C
Operating Temperature range	-20°C to +70°C
Max operating Voltage Rating	600 Volts.
Nominal Capacitance (between conductors	80nF/km
Capacitance (between conductor and shield) (at 1KHz)	≤ 154 nF/Km
Conductor D.C. resistance	≤ 9.4 Ω/km at 20°C
Nominal Inductance	0.7μH/m
Max. recommended current	9.5 Ampere per conductor at 25C ambient
UL Flame test	UL 1685 vertical tray flame test
Bending Radius	84 mm

DIMENSIONAL DETAILS:

MESC CODE	PAIR	COND. NO. OF STRANDS	JACKET THICKNESS	OVERALL DIAMETER	APPROX. WEIGHT	PACKING	JACKET COLOR
	No.	No.	mm	mm	Kg/km		
12C2-01P14AWG-U0GYB-80	1	19	0.89	9.0	101	152 m COIL	CHROME
12C2-01P14AWG-U0GY6-80	1	19	0.89	9.0	101	305 m REEL	CHROME
12C2-01P14AWG-U0GY8-80	1	19	0.89	9.0	101	DRUM OF m	CHROME
12C2-01P14AWG-U0GY5-80	1	19	0.89	9.0	101	152 m REEL	CHROME
12C2-01P14AWG-U0GY8-80	1	19	0.89	9.0	101	DRUM OF m	CHROME