

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



Application: Monitor/Detection, Control Circuits, Initiating Circuits, Notification circuits

CONSTRUCTION:

Conductor	Stranded bare copper conductor to Class C of ASTM B-3
Insulation	Solid Polyethylene
Colour code	2 cores: Red & Black 3 cores: Black, Red & White 4 cores: Black, Red, White & Green
Shielding	Core laid up in concentric layer
Assembly	Aluminium polyester shield, with stranded tinned copper drain wire
Outer Jacket	Extruded Grey LSHF with Rip Cord under sheath.
Printing Legend	TYPE CM CABLE SHIELDED 4CX16AWG LSHF 75C MESC YEAR METER MARKING

TECHNICAL DATA:

Temperature Range	-20°C to +75°C
Voltage Rating	300 Volts
Conductor D.C resistance	≤ 14.2 Ω/Km at 20°C
Mutual Capacitance C/C (at 1KHz)	≤ 100 nF/km
Halogen Acid Gas (Outer Sheath)	≤ 0.5% (IEC 60754-1)

DIMENSIONS AND WEIGHT DETAILS:

MESC CODE	NO. OF CORES	NO. OF STRANDS	OUTER JACKET THICKNESS	APPROX. O.D.	APPROX. WEIGHT
12A2-02C16AWG-U0GY8-H0	2	19	0.89	6.3	69
12A2-03C16AWG-U0GY8-H0	3	19	0.65	6.6	70
12A2-04C16AWG-U0GY8-H0	4	19	1.02	8.0	101