



M E S C

Middle East Specialized Cables

TRAY CABLE 600 VOLTS TYPE TC (UL)

THHN/THWN/TFN TYPE CONDUCTORS 90°C DRY / 75°C WET

SPECIFICATIONS: UL 83, UL 66 & UL 1277

CONSTRUCTION:

Conductor	Plain copper to ASTM B-3, stranded to class B of ASTM B8
Insulation	Flame retardant PVC .The nylon jacket over the PVC insulation provides excellent mechanical strength and resistance to oil, gasoline & chemicals.
Assembly	Insulated conductors are cabled with suitable non-hygroscopic fillers and polyester binder if necessary.
Jacket	Extruded black PVC as per UL -1277, oil and sunlight resistant passes flame test as per IEEE - 383 (70000 BTU). The jacket is impervious to vapor and moisture penetration.
Printing Text	TYPE TC 600 V THHN/THWN CDRS 4C14AWG + TFN 2C18AWG (UL) E 189324 DIR BUR SUN RES 90 C JKT OIL RES I MESC MONTH YEAR 4C14AWG + 2C18AWG METER MARKING

WEIGHT AND DIMENSION DETAILS:

Size (AWG)	MESC Code	CONDUCTORS	Strands x Diameter No. x mm	Insulation Thickness mm	Nominal Jacket Thickness mm	Approx. O. D. mm	Approx. Weight kg/km
14	7316-4C142C18-U0BK8-00	4 x 14 AWG	7 x 0.615	0.38	1.52	12.4	211
18		2 x 18 AWG	7 x 0.386	0.38			

Color code for 4C x 14AWG	
Conductor number	Color
1	Red
2	Yellow
3	Blue
4	Green

Color code for 2C x 18AWG	
Conductor number	Color
1	Black
2	White