

ELECTRONICS COMMUNICATIONS CABLES FT6 - CMP, CMG, CM 300V; AWM I/II A/B 300V

Applications: Commercial grade, general purpose communications cable. Available shielded or unshielded.
 For use in class 2 circuits in plenums, cable trays and raceways; exposed and concealed installations; dry and damp locations.
 Sunlight resistant in black jacket only, other colours cannot be installed where exposed to sunlight.
 For installation in accordance with CE Code Part 1 and Article 800 of the NEC/ANSI/NFPA 70.

Conductors: Stranded tinned copper
Insulation: Polyvinyl chloride (PVC)
Jacket: Polyvinyl chloride (PVC)
Voltage Rating: CMP, CMG, CM 300V; AWM I/II A/B 300V
Temperature Rating: -20°C* to 90°C
Flame Rating: FT6/NFPA 262/FT4/FT2/FT1
Standards: CSA C22.2 No. 214 & 210, UL444

UNSHIELDED

Gauge AWG	Strand Count	Conductor Count	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Cable Diameter		Nominal Cable Weight	
			mm	in.	mm	in.	mm	in.	kg/km	lb/mft
18	16	2	0.20	0.008	0.38	0.015	4.19	0.165	25.5	17.1
18	16	3	0.20	0.008	0.38	0.015	4.45	0.175	35.5	23.9
18	16	4	0.20	0.008	0.38	0.015	4.88	0.192	44.2	29.7

SHIELDED¹

Gauge AWG	Strand Count	Conductor Count	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Cable Diameter		Nominal Cable Weight	
			mm	in.	mm	in.	mm	in.	kg/km	lb/mft
18	16	2	0.20	0.008	0.38	0.015	4.19	0.165	31.1	20.9
18	16	3	0.20	0.008	0.38	0.015	4.45	0.175	41.9	28.2
18	16	4	0.20	0.008	0.38	0.015	4.88	0.192	49.9	33.5

Notes: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

¹Aluminum/Mylar shield with 20AWG (7X.0126) soft tinned copper drain wire.

* The -20°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least 10°C before installation.