

Type W Two-Conductor Flat Portable Power Cable 2kV

Applications

These cables are designed for general use where baregrounding conductors are not required or desired.

Standards

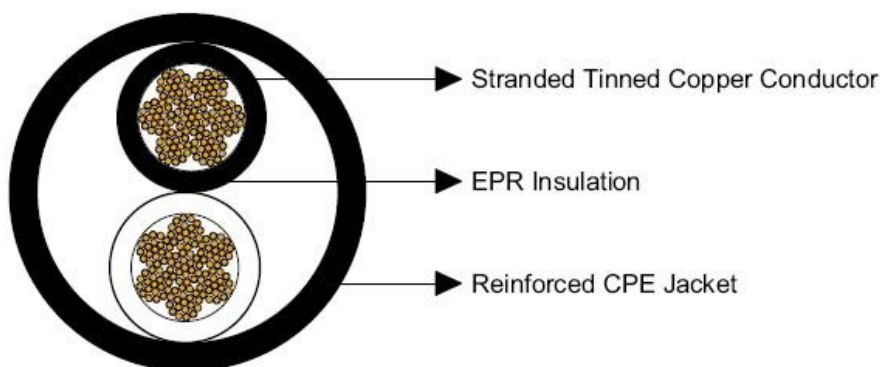
ICEA S-75-381/NEMA WC 58

ASTM B 172

ASTM B 33

CAN/CSA C22.2 No. 96

Construction



Conductors: Stranded annealed tinned copper conductor.

Insulation: EPR.

Sheath: Reinforced extra-heavy-duty Chlorinated Polyethylene(CPE), black. Other sheath materials can be offered upon request.

Options:

Other jacket materials such as CSP/PCP/NBR/PVC are available upon request.

Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.

Mechanical and Thermal Properties

Minimum Bending Radius: 6×OD

Maximum Operating Temperature: +90°C

Dimensions and Weight:

Construction No. of cores×AWG/kcmil	No. of Strands	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity A
		inch	mm	inch	mm	lbs/kft	kg/km	
2×8	166	0.06	1.5	0.83	21.1	391	581	72
2×6	259	0.06	1.5	0.94	23.9	571	849	95
2×4	412	0.06	1.5	1.07	27.3	793	1180	127
2×2	259	0.06	1.5	1.26	32.1	1142	1699	167
2×1/0	414	0.08	2.0	1.51	38.3	1693	2520	217

2×2/0	522	0.08	2.0	1.65	41.9	1908	2840	250
2×3/0	658	0.08	2.0	1.77	45.0	2600	3870	286
2×4/0	829	0.08	2.0	1.92	48.8	2675	3980	328
2×250	973	0.095	2.4	2.10	53.3	3434	5110	363

Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.