

Type W Three-Conductor Portable Power Cable 2kV

Applications

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

Standards

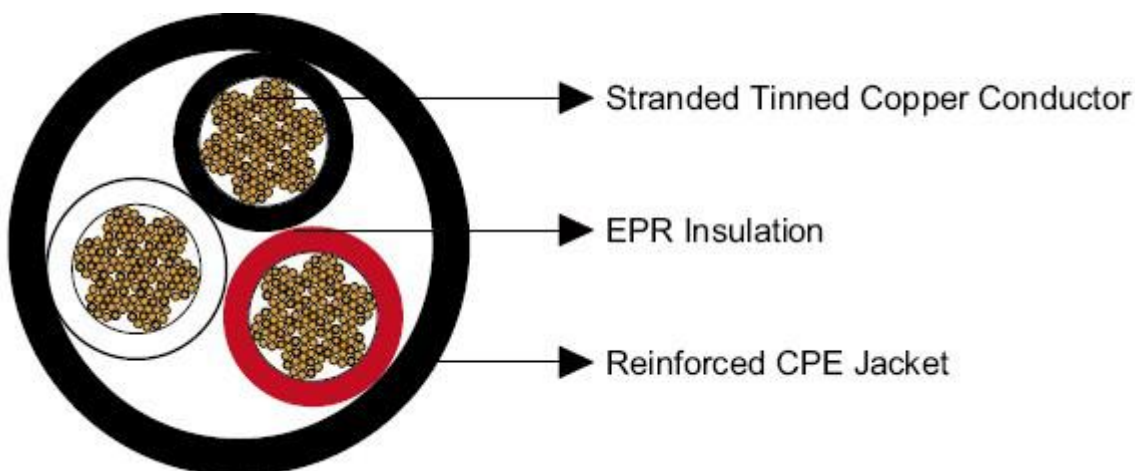
ICEA S-75-381/NEMA WC 58

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 as an option.

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℃

Dimensions and Weight:

Construction	No. of Strands	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
		inch	mm	inch	mm	lbs/kft	kg/km	
No. of cores×AWG/kcmil	-							A
3×8	133	0.06	1.5	0.91	23.1	550	818	59
3×6	133	0.06	1.5	1.01	25.7	730	1086	79
3×4	259	0.06	1.5	1.17	29.7	1020	1518	104

3×2	259	0.06	1.5	1.34	34.0	1430	2128	138
3×1	259	0.08	2.0	1.51	38.4	1800	2678	161
3×1/0	266	0.08	2.0	1.65	41.9	2140	3184	186
3×2/0	342	0.08	2.0	1.75	44.5	2580	3839	215
3×3/0	418	0.08	2.0	1.89	48.0	2922	4347	249
3×4/0	532	0.08	2.0	2.04	51.8	3800	5654	287
3×250	741	0.095	2.4	2.39	60.7	4368	6500	320
3×350	888	0.095	2.4	2.66	67.5	5895	8772	394
3×500	1221	0.095	2.4	2.98	75.8	7820	11638	487

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