



Multi-Core Irrigation Cable PP Insulated, PVC Sheathed

Application:	Irrigation / Sprinkler systems
Conductor:	Multi strand plain copper Conductor to AS1125
Insulation:	PP UV Stabilized
Sheath	V90HT to AS/NZS 3808:2000 UV Stabilized

Code	Nearest SAE, (B&S) (AWG)	Number of Strands x wire Φ (mm)	Nominal Area (mm ²)	Nominal Insulation Thickness (mm)	Nominal Sheath Thickness (mm)	OFHC	Nominal O.D. (mm)	Mass (kg/100m)
						Max D.C. Resistance at 20°C (m Ω /m)		
MCW35	3	7/0.30	0.5	0.35	0.6	38.4	4.4	3.0
MCW310	3	7/0.43	1.0	0.45	0.6	21.2	5.8	5.2
MCW315	3	7/0.50	1.5	0.50	0.6	13.6	6.2	6.7
MCW325	3	7/0.67	2.5	0.50	0.7	7.4	7.3	10.6
MCW55	5	7/0.30	0.5	0.35	0.6	38.4	5.3	4.8
MCW510	5	7/0.43	1.0	0.45	0.6	21.2	6.9	8.2
MCW515	5	7/0.50	1.5	0.50	0.7	13.6	8.0	10.9
MCW525	5	7/0.67	2.5	0.50	0.8	7.4	9.6	17.5
MCW75	7	7/0.30	0.5	0.35	0.6	38.4	6.0	6.4
MCW710	7	7/0.43	1.0	0.45	0.7	21.2	7.9	11.3
MCW715	7	7/0.50	1.5	0.50	0.7	13.6	8.9	14.5
MCW725	7	7/0.67	2.5	0.50	0.8	7.4	10.8	23.4
MCW95	9	7/0.30	0.5	0.35	0.6	38.4	6.8	8.1
MCW910	9	7/0.43	1.0	0.45	0.7	21.2	9.0	14.4
MCW915	9	7/0.50	1.5	0.50	0.7	13.6	10.1	18.5
MCW925	9	7/0.67	2.5	0.50	0.8	7.4	12.3	30.0
MCW135	13	7/0.30	0.5	0.35	0.6	38.4	7.9	11.0
MCW1310	13	7/0.43	1.0	0.45	0.7	21.2	10.7	20.3
MCW1315	13	7/0.50	1.5	0.50	0.8	13.6	12.1	26.2

NOTE: NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.

OFHC (oxygen free high conductivity copper) is employed in audio and industrial electronic units.

Features:

1. High electric and thermal conductivity

Since OFHC contains oxygen and impurities in very small quantities only, it shows excellent electric conductivity and thermal conductivity (Oxygen and impurities reduce the conductivity)

2. Excellent hydrogen embrittlement resistance

(TPC) Tough pitch copper becomes very brittle when it is heated at higher than 600° C under a reducing gas atmosphere including hydrogen gas. Since OFHC contains a very low oxygen content only, it does not show any brittleness

Please Note!

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