HR Irrigation Cable

Multi-Core and Single Core Irrigation Cable

PP Insulated, Multicore is Sheathed in LEAD FREE V90^{0}C PVC

Meets RoHS Directive

Application: Irrigation / sprinkler systems

Conductor: Multi strand plain copper Conductor to AS1125

Insulation: PP UV Stabilized

Sheath LEAD FREE PVC V90 to AS/NZS 3808:2000

Sheath Color: Red

Pack Size: ***100mt, 500mt

Code	No of Cores	Conductor Strands number x Strands dia.	Nom.Area per Core mm^2	Amp Rating per Core	Average Insulation Thickness mm	Sheath Thickness mm	OFC Per Core Max D.C. Resistance at 20^0 m Ω/mt	Nominal O.D. mm
HT5	-	7/0.30	0.50	3	0.40	-	37.70	1.70
HT1	-	7/0.43	1.00	10	0.45	-	18.34	2.20
HT15	-	7/0.50	1.50	16	0.50	-	13.30	2.50
HT25	-	7/0.67	2.50	23	0.50	-	7.27	3.00
HT40	-	7/0.85	4.00	30	0.60	-	4.52	3.80
HT60	-	7/1.04	6.00	39	1.00	-	3.02	5.20
HT5***3C	3	7/0.30	0.50	3	0.40	0.50	38.40	4.20
HRYR1***3C	3	7/0.43	1.00	10	0.45	0.60	18.70	5.60
HRYR15***3C	3	7/0.50	1.50	16	0.50	0.60	13.57	6.20
HT5***5C	5	7/0.30	0.50	3	0.40	0.55	38.40	5.20
HRYR1***5C	5	7/0.43	1.00	10	0.45	0.60	18.70	6.90
HRYR15***5C	5	7/0.50	1.50	16	0.50	0.70	13.57	7.90
HRYR25***5C	5	7/0.67	2.50	23	0.50	0.70	7.41	9.20
HT5***7C	7	7/0.30	0.50	3	0.40	0.55	38.40	6.00
HRYR1***7C	7	7/0.43	1.00	10	0.45	0.70	18.70	8.20
HRYR15***7C	7	7/0.50	1.50	16	0.50	0.70	13.57	9.10
HRYR25***7C	7	7/0.67	2.50	23	0.50	0.70	7.41	10.90
HT5***9C	9	7/0.30	0.50	3	0.40	0.60	38.40	6.70
HRYR1***9C	9	7/0.43	1.00	10	0.45	0.70	18.70	9.10
HRYR15***9C	9	7/0.50	1.50	16	0.50	0.70	13.57	10.10
HRYR25***9C	9	7/0.67	2.50	23	0.50	0.70	7.41	12.10
HT5***13C	13	7/0.30	0.50	3	0.40	0.60	38.40	7.80
HRYR1***13C	13	7/0.43	1.00	10	0.45	0.80	18.70	10.80
HRYR15***13C	13	7/0.50	1.50	16	0.50	0.80	13.57	12.10

NOTE: **NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.**

OFC (oxygen free copper) is employed in audio and industrial electronic units.

Features:

1. High electric and thermal conductivity

Since OFC 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 enbrittlement resistance

(TPC) Tough pitch copper becomes very brittle when it is heated at higher then 600^0 C under a reduction gas atmosphere including hydrogen gas. Since OFC contains a very low oxygen content only, it does not show any brittleness

Austech Wire & Cable 11 Tarnard Drive, Braeside , Vic. 3195 Tel: (03) 9587 1712 Fax: (03) 9587 7563

CSS

CSS Superwire

Multi-Core and Single Core Irrigation Cable

PP Insulated, Multicore is Sheathed in Polyethylene

Meets RoHS Directive

Application: Irrigation / sprinkler systems

Conductor: Multi strand plain copper Conductor to AS1125

Insulation: PP UV Stabilized

Sheath Polyethylene UV Stabilized

Sheath Color: Yellow

Pack Size: 100mt, 500mt

Code	No of Cores	Conductor Strands number / Strands dia.	Nom.Area per Core mm^2	Amp Rating per Core	Average Insulation Thickness mm	Sheath Thickness mm	OFC Per Core Max D.C. Resistance at 20^0 m Ω/mt	Nominal O.D. mm
IWP5	-	7/0.30	0.50	3	0.40	-	38.40	1.70
IWP10	-	7/0.43	1.00	10	0.45	-	18.34	2.20
IWP15	-	7/0.50	1.50	16	0.50	-	13.30	2.50
IWP25	-	7/0.67	2.50	23	0.50	-	7.27	3.00
IWP40	-	7/0.85	4.00	30	0.60	-	4.52	3.80
IWP60	-	7/1.04	6.00	39	1.00	-	3.02	5.20
MCP210	2	7/0.43	1.00	10	0.45	0.60	18.70	6.40-3.60
MCP215	2	7/0.50	1.50	16	0.50	0.60	13.57	6.80-4.00
MCP225	2	7/0.67	2.50	23	0.50	0.60	7.41	8.00-4.70
MCP35	3	7/0.30	0.50	3	0.40	0.60	38.40	4.20
MCP310	3	7/0.43	1.00	10	0.45	0.60	18.70	5.60
MCP315	3	7/0.50	1.50	16	0.50	0.60	13.57	6.20
MCP325	3	7/0.67	2.50	23	0.50	0.60	7.41	7.25
MCP55	5	7/0.30	0.50	3	0.40	0.60	38.40	5.20
MCP510	5	7/0.43	1.00	10	0.45	0.60	18.70	6.90
MCP515	5	7/0.50	1.50	16	0.50	0.70	13.57	7.90
MCP525	5	7/0.67	2.50	23	0.50	0.70	7.41	9.20
MCP75	7	7/0.30	0.50	3	0.40	0.60	38.40	6.00
MCP710	7	7/0.43	1.00	10	0.45	0.70	18.70	8.20
MCP715	7	7/0.50	1.50	16	0.50	0.70	13.57	9.10
MCP725	7	7/0.67	2.50	23	0.50	0.80	7.41	10.90
MCP95	9	7/0.30	0.50	3	0.40	0.60	38.40	6.70
MCP910	9	7/0.43	1.00	10	0.45	0.70	18.70	9.10
MCP915	9	7/0.50	1.50	16	0.50	0.70	13.57	10.10
MCP925	9	7/0.67	2.50	23	0.50	0.80	7.41	12.10
MCP135	13	7/0.30	0.50	3	0.40	0.70	38.40	7.80
MCP1310	13	7/0.43	1.00	10	0.45	0.80	18.70	10.80
MCP1315	13	7/0.50	1.50	16	0.50	0.80	13.57	12.10

NOTE: **NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.**

OFC (oxygen free copper) is employed in audio and industrial electronic units.

Features:

1. High electric and thermal conductivity

Since OFC 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 enbrittlement resistance

(TPC) Tough pitch copper becomes very brittle when it is heated at higher then 600^0 C under a reduction gas atmosphere including hydrogen gas. Since OFC contains a very low oxygen content only, it does not show any brittleness

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Golf Course Sprinkler ID Wire

Meets RoHS Directive

Direct Burial Irrigation Wire

Conductor: Single Plain Copper Conductor to AS1125

Insulation: PP UV Stabilized

Sheath: LEAD FREE PVC V90 to AS/NZS 3808:2000

Core Colors: Red and Blue

Sheath Color: Red

Code	Nearest SAE, (B&S) (AWG)	ID Wire	Number of Strands x wire Ø mm	Nominal Area mm^2	Average Insulation Thickness mm	Average Sheath Thickness mm	OFHC Max D.C. Resistance at 20° C m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
MCPS2178	14	1	1/1.78	2.5	1.50	1.00	7.30	11.85	17.00
MCPS2205	12	2	1/2.05	3.3	1.60	1.00	5.54	12.80	15.00

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 enbrittlement resistance
(TPC) Tough pitch copper becomes very brittle
when it is heated at higher then 600^0 C under a reduction 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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