

Siechem Jacketed Decoder Wire

Application

- ✓ Used to transmit and receive signals between Irrigation satellites, Central Computers, weather stations and sensors.
- ✓ Its mainly used in Irrigation satellites & Smart Hub Systems.
- ✓ Used in Underground Low Energy Systems.
- ✓ Used in Sprinklers Systems.

Product Construction

- ✓ Conductor : Soft-Annealed Solid Bare Copper Conductor
- ✓ Insulation : (LDPE 450E) Low Density Polyethylene
- ✓ Insulation Colour : Black & White
- ✓ Outer Sheath : (HDPE 8380) High Density Polyethylene
- ✓ Colour : Red
- ✓ Multicore

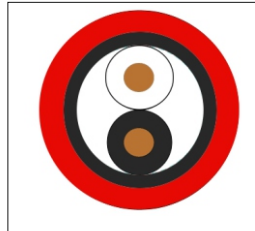
Technical Data

- ✓ Voltage Rating : 600 V
- ✓ Temperature Range : -55°C to +60°C
- ✓ Cable Assembly : Two conductors shall be twisted together with a minimum lay of 101.6 mm.
- ✓ A ripcord shall be placed directly below the outer sheath
- ✓ Non-Hydroscopic fillers inserted in the valleys to ensure roundness.
- ✓ Standards : As per customer specifications or generally similar to UL 493 & 83.

Features

- ✓ Direct Burial.
- ✓ Sunlight and Moisture resistant.
- ✓ Reduces Radio frequency interference.
- ✓ And also minimizing the electrical and magnetic interference.

2D View



Siechem

offers Electron Beam Cross Linked XLPE cables, short circuit resistant at 280°C for 3 minutes with -55°C to +125°C continuously rated cables on demand.

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001
ISO 45001	IRIS™ Certification	REACH COMPLIANT	RoHS COMPLIANT

Part number	Conductor Construction				Insulation Wall Thickness (Nom)	Sheath Thickness (Nom)	Cable		DC Conductor Resistance 20°C (Max)
	Nominal Cross Sectional Area	No. of Strand (Nom)	Diameter of Single Wire (Nom)	Conductor Diameter (Nom)			Overall Diameter (Nom)	Weight Approx	
	AWG	No	mm	mm	mm	mm	mm	kg/km	Ω/km
A8027902	2C x 14	1	1.63	1.63	1.1	0.9	10.2 ± 1.0	125	8.45



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr ⁶⁺ Free	PBB Free	PBDE Free
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www.siechem.com