



RE-2X(st)H-fl PIMF

Instrumentation Cables

Construction

1.Conductor	: Stranded bare copper wires Cl.2
2.Insulation	: XLPE Compound
3.Core Colours	: Black/white numbered
4.Pair	: Two conductors twisted to a pair
5.Lay-up	: Pairs laid up in layers of optimum pitch (with cord fillers)
6.Wrapping	: PES Tape
7.Overall Screen	: Tinned copper drain wire (0,60mm)+AL-PES Tape+PES Tape
8.Sheath	: LSZH Compound (UV Resistance)
9.Sheath Colour	: Black (RAL 9005)

Standard

Halogen Free Test	: IEC 60754-1
Conductor	: IEC 60228
Flame Reterdant	: IEC 60332-3-24
Design Standards	: PAS 5308-1 EN50288-7

Technical Information

Nominal Voltage	: 300/500V
Testing Voltage	: 2000V
Insulation Resistance	: 5000 Mohmxkm (min.)
Capacitance Unbalance	: 500 pf/500m (max.)
L/R Ratio	: 0,50mm ² -0,75mm ² :25μH/ohm (max.)
Mutual Capacitance	: 100pF/km (max.)
Temperature Range	: -30/+90°C (fixed)

Application

Indoor environments intensely populated by people where there is electromagnetic interference.
Instrumentation and control engineering analog and digital signal transmission.
Petroleum refineries
Petrochemistry industry
Gas stations

Physical Characteristics

BARAN KABLO	SAP	Cross-section mm ²	N. of conductor Dia. of wire(mm)	Overall Diameter (mm)	Weight (kg/km)	Packing
ME0 001 092104	CP4054	2x2x0,50	7x0,30	8,6	90	D1000
ME0 001 092108	CP4055	4x2x0,50	7x0,30	9,9	133	D1000
ME0 001 092112	CP4056	6x2x0,50	7x0,30	11,7	184	D1000
ME0 001 092116	CP4057	8x2x0,50	7x0,30	12,4	221	D1000
ME0 001 092120	CP4058	10x2x0,50	7x0,30	13,7	270	D1000
ME0 001 092124	CP4059	12x2x0,50	7x0,30	14,8	311	D1000
ME0 001 091904	CP4060	2x2x0,75	7x0,37	9,3	107	D1000
ME0 001 092108	CP4061	4x2x0,75	7x0,37	10,8	165	D1000
ME0 001 092112	CP4062	6x2x0,75	7x0,37	12,8	225	D1000
ME0 001 092116	CP4063	8x2x0,75	7x0,37	13,6	276	D1000
ME0 001 092120	CP4064	10x2x0,75	7x0,37	15	335	D1000
ME0 001 092124	CP4065	12x2x0,75	7x0,37	16,3	392	D1000