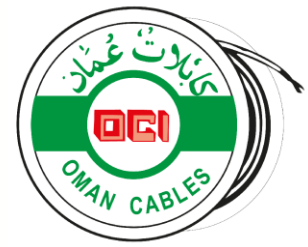




Ahmed S. Raqtan Trading Est.
مؤسسة أحمد سعد الرقطان التجارية



OIL, GAS & PETROCHEMICAL SPECIFICATION

LOW VOLTAGE CONTROL CABLE ARMoured: FROR (FLAME RETARDANT OIL RESISTANT) - CORE SIZE 1.5-2.5MM²

Type	: CU/XLPE/PVC/SWA/PVC FROR	Bedding	: N/A
Standard	: IEC 60502-1	Armouring	: SWA
Rated Voltage	: 0.6 / 1KV	Jacketing	: FROR PVC Compound
Conductor	: Copper Wires	Flame Retardant	: IEC 60332-3 CAT C
Insulation	: XLPE Compound	Temp. Rated	: 90°C

CABLE DESCRIPTION

Low Voltage Control Cable 0.6/1KV temperature rated 90°C manufactured in accordance with IEC 60502-1. Stranded plain annealed copper conductor, XLPE insulated and FROR outer sheath. Armoured cables constructed with Steel Wire Armour (SWA).

Application: Can be used in cable tray, conduit or direct burial installations in suitably constructed ducts or trenches in wet and dry locations. Flame Retardant to IEC 60332-3 CAT C, UV and abrasion resistant, standard core color as indicated below.



TECHNICAL INFORMATION

ARMoured

PRODUCT CODE	CONDUCTOR SIZE (mm ²)	NO OF CORES	OVERALL DIAMETER	CCG GLAND SIZE	WEIGHT (KG/KM)	STD DRUM LENGTH
EC1.5MM02CSO110	1.5	2	16.5	1	298	1000
EC1.5MM03CSO110	1.5	3	17.0	1	329	1000
EC1.5MM04CSO110	1.5	4	17.5	1	366	1000
EC1.5MM05CSO110	1.5	5	18.5	1	414	1000
EC1.5MM07CSO110	1.5	7	19.5	1	477	1000
EC1.5MM12CSO110	1.5	12	23.5	2	782	1000
EC1.5MM19CSO110	1.5	19	26.0	2	1010	1000
EC1.5MM27CSO110	1.5	27	30.0	3	1447	1000
EC1.5MM37CSO110	1.5	37	32.5	3	1738	1000
EC1.5MM48CSO110	1.5	48	36.5	4	2112	500
EC2.5MM02CSO110	2.5	2	17.0	1	347	1000
EC2.5MM03CSO110	2.5	3	18.0	1	388	1000
EC2.5MM04CSO110	2.5	4	18.5	1	437	1000
EC2.5MM05CSO110	2.5	5	19.5	1	497	1000
EC2.5MM07CSO110	2.5	7	21.5	2	676	1000
EC2.5MM12CSO110	2.5	12	25.5	2	965	1000
EC2.5MM19CSO110	2.5	19	29.0	3	1411	1000
EC2.5MM27CSO110	2.5	27	33.0	3	1812	1000
EC2.5MM37CSO110	2.5	37	36.0	4	2235	500
EC2.5MM48CSO110	2.5	48	41.5	4	3053	500

Standard drum length tolerance: +/- 5%