

ASH CATHODIC PROTECTION CABLES DOUBLE INSULATED CABLES ONSHORE ANODE CABLES (9COM 6000000938)

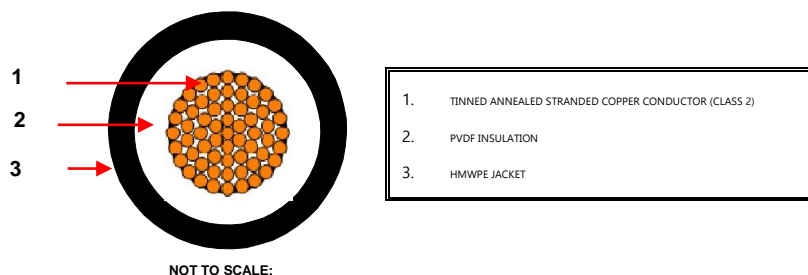
Cable Features:

Cable that is electrically connected (directly or indirectly) to the positive output terminal of an ICCP power supply, including impressed current anode cables.

Cable Range Size	6 AWG TO 2/0 (16 MM² TO 70 MM²)
Reference Standard	SAUDI ARAMCO 17-SAMSS-017, ICEA-S-95-658 (NEMA WC 70) or generally, IEC 60502-1

CONSTRUCTION DETAILS

Conductor	Material	Tinned, Annealed, Copper as per ASTM B3 & ASTM B 33 or IEC 60228, and concentric-lay stranded per ASTM B8 Class B or C, or per IEC 60228 Class 2
Primary Insulation	Material	Polyvinylidene Fluoride (PVDF) Irradiation Cross-Linked
Secondary Insulation	Material	High Density High Molecular Weight Polyethylene (HMWPE) ASTM D 1248, Type 3, Class C, Category 5, or IEC 60502-1
	Color Identification	Black or Any colors (As per customer request)
Printing		ASH CP CABLE (SIZE)MM ² TCU/PVDF/HMWPE 600/1000V GEN. TO IEC 60502-1 ASHCABLES MADE IN KSA (YEAR OF MANUFACTURE) (METER MARKING) (at intervals of no greater than one meter)



DIMENSIONAL DATA

S.No	ASH CABLES Item Code	CABLE		No. of wire Strands	PVDF Insulation Thickness Nom (mm)	HMWPE Insulation Thickness Nom (mm)	Approx. Overall Diameter (mm)	Weight of Finished Cable Approx. (kg/Km)	Standard Packing Length (m) ±5%
		NO. OF CORE	SIZE (MM ²)						
1	RO4J-01C01600-UBK6H	1C	16	19	0.51	1.65	9.50	215	1000
2	RO4J-01C02500-UBK6H	1C	25	19	0.51	1.65	10.80	315	1000
3	RO4J-01C03500-UBK6H	1C	35	19	0.51	1.65	12.00	415	1000
4	RO4J-01C05000-UBK6H	1C	50	19	0.51	1.65	13.20	545	1000
5	RO4J-01C07000-UBK6H	1C	70	19	0.76	1.65	15.50	780	1000

Cable Dia. Tolerance:
±2.0mm for outer diameter of ≤ 25 mm.
±2.5mm for outer diameter of ≥ 26 mm.

ELECTRICAL PROPERTIES		CONDUCTOR SIZE (MM ²)				
CONDUCTOR (DC) RESISTANCE @ 20°C(Ω/Km)	UNIT	16 MM ²	25 MM ²	35 MM ²	50 MM ²	75 MM ²
TINNED Cu	Ω/Km	1.16	0.734	0.529	0.391	0.270
Voltage Test	According to ICEA-S-95-658, Table 3-4, or BS 5099					
Spark Test	According to ICEA-S-95-658, Table 3-4, or BS 5099					
Voltage Rating	600/1000 V					