

658*TQ MARINE MGT EPR BRAIDED CABLE 1.5MM² - 16MM²



APPLICATION

658*TQ Marine and offshore MICA Glass Tape, EPR, armoured cable. MICA Glass Tape cable, is perfect for permanent wiring on essential circuits on ships and also mobile or fixed offshore platforms.

CABLE STANDARDS

BS 7917
BS 6883
IEC60332-1
IEC60332-3-22
IEC61034-1,2
IEC60754-1,2
IEC60331-21

CONSTRUCTION

Conductor: Tinned stranded circular copper conductor

Insulation: MICA Glass Taped (MGT) Ethylene propylene rubber (EPR) insulated

Bedding: Collective screened with aluminium backed polyester tape

Armouring: Galvanised Steel wire braid armour

Sheath: LSF SW4 outer sheath
PET tape and rubberised polyamide tape

Sheath: LSF SW4 outer sheath

Sheath Colour: ■ Black

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -40°C (fixed installation) to +90°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

White

Should not be installed at temperatures below -15°C

658*TQ MARINE MGT EPR BRAIDED CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER	UKOOA CODE
6582TQ1/5MGT	1.5	7/0.53	2	300	13.3	YD202
6583TQ1/5MGT	1.5	7/0.53	3	325	13.8	YD302
6584TQ1/5MGT	1.5	7/0.53	4	395	15	YD402
6587TQ1/5MGT	1.5	7/0.53	7	525	17.2	YD702
6580/12TQ1/5MGT	1.5	7/0.53	12	790	21.7	YDA02
6580/19TQ1/5MGT	1.5	7/0.53	19	1090	24.7	YDB02
6580/27TQ1/5	1.5	7/0.53	27	1515	29.3	YDC02
6582TQ2/5MGT	2.5	7/0.67	2	350	14.2	YD203
6583TQ2/5MGT	2.5	7/0.67	3	400	15	YD303
6584TQ2/5MGT	2.5	7/0.67	4	470	16.1	YD403
6587TQ2/5MGT	2.5	7/0.67	7	635	18.5	YD703
6580/12TQ2/5MGT	2.5	7/0.67	12	990	23.9	YDA03
6580/19TQ2/5MGT	2.5	7/0.67	19	1390	27.6	YDB03
6580/27TQ2/5	2.5	7/0.67	27	1990	33.2	YDC03
6583TQ4MGT	4	7/0.85	3	530	17.3	YD304
6584TQ4MGT	4	7/0.85	4	585	18.4	YD404
6583TQ6MGT	6	7/1.04	3	635	18.7	YD306
6584TQ6MGT	6	7/1.04	4	760	20.1	YD406
6583TQ10MGT	10	7/1.35	3	930	22.4	YD310
6584TQ10MGT	10	7/1.35	4	1080	24	YD410
6583TQ16MGT	16	7/1.70	3	1190	24.9	YD316
6584TQ16MGT	16	7/1.70	4	1450	26.9	YD416

658*TQ MARINE MGT EPR BRAIDED CABLE – ELECTRICAL CHARACTERISTICS

CONDUCTOR CROSS - SECTIONAL AREA	REFERENCE METHOD A (ENCLOSED IN CONDUIT THERMALLY INSULATING WALL ETC)		REFERENCE METHOD B (ENCLOSED IN CONDUIT ON A WALL OR IN TRUNKING ETC)		REFERENCE METHOD C (CLIPPED DIRECT)		REFERENCE METHOD F (IN FREE AIR ON A PERFORATED CABLE TRAY HORIZONTAL \ VERTICAL)				
	2 CABLES, SINGLE - PHASE AC OR DC	3 OR 4 CABLES, SINGLE - PHASE AC	2 CABLES, SINGLE - PHASE AC OR DC	3 OR 4 CABLES, THREE PHASE AC	2 CABLES, SINGLE - PHASE AC OR DC FLAT AND TOUCHING	3 OR 4 CABLES, THREE - PHASE AC FLAT AND TOUCHING OR TREFOIL	TOUCHING			SPACED BY ONE DIAMETER	
							2 CABLES, SINGLE - PHASE AC OR DC FLAT	3 CABLES, THREE - PHASE AC FLAT	3 CABLES, THREE - PHASE AC TREFOIL	2 CABLES, SINGLE PHASE AC OR DC OR 3 CABLES THREE-PHASE AC FLAT	HORIZONTAL
1	2	3	4	5	6	7	8	9	10	11	12
(MM ²)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
6	34	31	41	36	47	43	-	-	-	-	-
10	46	42	57	50	65	59	-	-	-	-	-
16	61	56	76	68	87	79	-	-	-	-	-

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS.

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