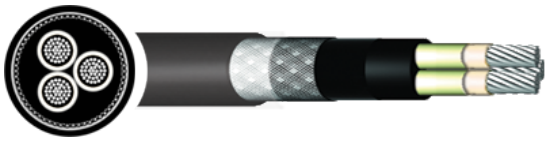
BS7917 Fire Resistant Cable MGT, SWB, LSZH - 1.5mm to 16mm



Description

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.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
Up to 25mm^2 : 6 x overall diameter
Above 25mm^2: 8 x overall diameter

Flame Retardancy
BS EN/IEC 60332-3-22

Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

White

Standards

- BS 7917
- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 60754-1
- BS EN/IEC 61034
- BS EN/IEC 60332-3-22

Construction

- **Conductor**: Class 2 stranded tinned copper
- **Insulation**: Ethylene Propylene Rubber (EPR)
- **Separator**: Polyester Tape (PET)
- **Inner Sheath**: SW4 Low smoke zero Halogen (LSZH)
- **Armour**: Galvanised Steel Wire Braid (GSWB)
- **Sheath**: SW4 Low smoke zero Halogen (LSZH)
- **Tape Separator**: Polyester wrapping (PET) with rubberised Polyamide tape

QA Lab

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

BS7917 Fire Resistant Cable MGT, SWB, LSZH - 1.5mm to 16mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	UKOOA Code	Overall Diameter(mm)	Weight(Kg/Km)
6582TQ1/5MGT	1.5	2	7/0.53	YD202	13.3	300
6583TQ1/5MGT	1.5	3	7/0.53	YD302	13.8	325
6584TQ1/5MGT	1.5	4	7/0.53	YD402	15	395
6587TQ1/5MGT	1.5	7	7/0.53	YD702	17.2	525
6580/12TQ1/5MGT	1.5	12	7/0.53	YDA02	21.7	790
6580/19TQ1/5MGT	1.5	19	7/0.53	YDB02	24.7	1090
6580/27TQ1/5MGT	1.5	27	7/0.53	YDC02	29.3	1515
6582TQ2/5MGT	2.5	2	7/0.67	YD203	14.2	350
6583TQ2/5MGT	2.5	3	7/0.67	YD303	15	400
6584TQ2/5MGT	2.5	4	7/0.67	YD403	16.1	470
6587TQ2/5MGT	2.5	7	7/0.67	YD703	18.5	365
6580/12TQ2/5MGT	2.5	12	7/0.67	YDA03	23.9	990
6580/19TQ2/5MGT	2.5	19	7/0.67	YDB03	27.6	1390
6580/27TQ2/5MGT	2.5	27	7/0.67	TDC03	33.2	1990
6583TQ4MGT	4	3	7/0.85	YD304	17.3	530
6584TQ4MGT	4	4	7/0.85	YD404	18.4	585
6583TQ6MGT	6	3	7/1.04	YD306	18.7	635
6584TQ6MGT	6	4	7/1.04	NONE	20.1	760
6583TQ10MGT	10	3	7/1.35	YD310	22.4	930
6584TQ10MGT	10	4	7/1.35	NONE	24	966
6583TQ16MGT	16	3	7/1.70	NONE	24.9	1600
6584TQ16MGT	16	4	7/1.70	NONE	26.9	1500

31196

UK00A/BS7917 MGT MARINE CABLE - ELECTRICAL PROPERTIES

NOMINAL CROSS SECTIONAL AREA	MUTUAL CAPACITANCE			MINIMUM INSULATION RESISTANCE AT 20°C	MAXIMUM L/R RATIO	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
	CABLES WITH COLLECTIVE SCREEN ONLY	1 PAIR, 2 PAIRS OR 1 TRIPLE COLLECTIVELY SCREENED	CABLES WITH INDIVIDUALLY SCREENED PAIRS			
(MM^2)	pF/m	pF/m	pF/m	mΩ/KM	µH/Ω	Ω/KM
0.50	75	115.00	115	>5	25	39
0.75	75	115.00	115	>5	25	26
1.00	75	115.00	115	>5	25	18.1
1.50	85	120.00	120	>5	40	12.1

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.