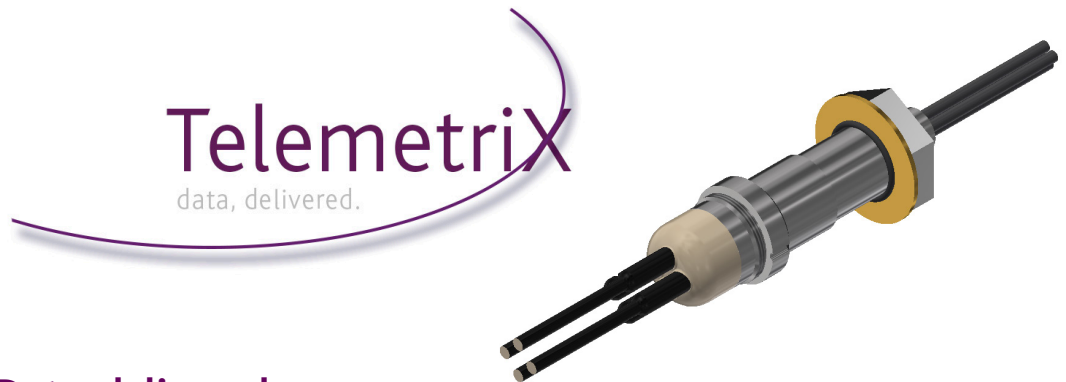


unassailable 'fit & forget' pressure moulded cable systems for hostile environments

TELEMETRIX

The TelemetriX technology solutions have been developed by Scientific Management International to allow rapid, secure, and dependable interoperability between critical naval systems in submarine and surface fleets. Power, control and high speed data transfer are delivered on a dependable architecture which ensures performance and long term reliability. Built from a 25 year legacy supplying the submarine fleets in the UK, Canada and Australia, the technology that has delivered more than 10,000 installations with zero leaks has been developed to support the future capabilities of enhanced combat, communication and acoustic systems.



Data, delivered.

Technology designed and manufactured to merge external features of Def-Stan 02-524 Part 2 with MIL-C24231 submarine penetrator features.



Designs utilise internal componentry extensively qualified in accordance with Def-Stan 08-171 and PTS 14299 including UNDEX testing. Outboard connectivity fully interfaces with sonar supplier hardware to ensure 'fit & forget' system reliability.

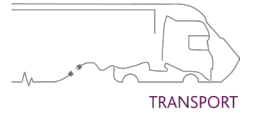
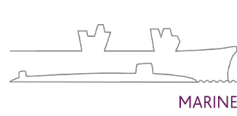
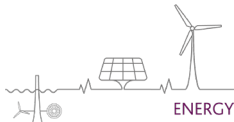
Retrofit design options for platform life extension and system upgrade are available.



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Telemetrix Product Configurations

UK Ministry of Defence cable designation	Outboard Cable Configurations	Submarine Platform Hull Penetrator Size	Submarine Platform Hull Insert size	Inboard Cable Configurations	UK Ministry of Defence cable designation
6145-99-724-8822	1 x 50 Ohm Coaxial (2 conductor)	M24231/5-070	M24231/25-001	1 x 50 Ohm Coaxial (2 conductor)	6145-99-724-8834
6145-99-724-8831	1 x 16 AWG 2 Core (2 conductor)			1 x 16 AWG Screened 2 Core (2 conductor)	6145-99-724-8843
6145-99-543-4475	1 x 20 AWG Screen 2 Core (2 conductor)			1 x 20 AWG Screen 2 Core (2 conductor)	6145-99-724-8840
6145-99-724-8824	1 x 20 AWG Screen 3 Core (3 conductor)			1 x 20 AWG Screen 3 Core (3 conductor)	6145-99-724-8837
N/A	1 x FIST 18 OS1/OM2/OM3 (18 fibre)			1 x FIST 18 OS1/OM2/OM3 (18 fibre)	N/A
N/A	1 x 10 AWG 3 Core (3 conductor)			1 x 10 AWG 3 Core (3 conductor)	N/A
6145-99-724-8822	4 x 50 Ohm Coaxial (4 conductor)	M24231/10-040	M24231/25-002	4 x 50 Ohm Coaxial (4 conductor)	6145-99-724-8834
6145-99-724-8831	19 x 16 AWG 2 Core (38 conductor)			19 x 16 AWG Screened 2 Core (38 conductor)	6145-99-724-8843
6145-99-543-4475	19 x 20 AWG Screen 2 Core (38 conductor)			19 x 20 AWG Screen 2 Core (38 conductor)	6145-99-724-8840
6145-99-724-8824	19 x 20 AWG Screen 3 Core (57 conductor)			19 x 20 AWG Screen 3 Core (57 conductor)	6145-99-724-8837
N/A	1 x FIST 18 OS1/OM2/OM3 (18 fibre)			1 x FIST 18 OS1/OM2/OM3 (18 fibre)	N/A
N/A	1 x 10 AWG 3 Core (3 conductor)			1 x 10 AWG 3 Core (3 conductor)	N/A
6145-99-543-4475	1 x 26 AWG 208 Core (208 conductor)			1 x 26 AWG 208 Core (208 conductor)	6145-99-724-8842
6145-99-724-8822	4 x 50 Ohm Coaxial (4 conductor)	M24231/19-010	M24231/25-003	4 x 50 Ohm Coaxial (4 conductor)	6145-99-724-8834
6145-99-724-8831	19 x 16 AWG 2 Core (38 conductor)			19 x 16 AWG Screened 2 Core (38 conductor)	6145-99-724-8843
6145-99-543-4475	19 x 20 AWG Screen 2 Core (38 conductor)			19 x 20 AWG Screen 2 Core (38 conductor)	6145-99-724-8840
6145-99-724-8824	19 x 20 AWG Screen 3 Core (57 conductor)			19 x 20 AWG Screen 3 Core (57 conductor)	6145-99-724-8837
N/A	4 x FIST 18 OS1/OM2/OM3 (72 fibre)			4 x FIST 18 OS1/OM2/OM3 (72 fibre)	N/A
N/A	4 x 10 AWG 3 Core (12 conductor)			4 x 10 AWG 3 Core (12 conductor)	N/A
N/A	4 x 10 AWG 3 Core (12 conductor)			4 x 10 AWG 3 Core (12 conductor)	N/A
6145-99-543-4475	1 x 26 AWG 208 Core (208 conductor)			1 x 26 AWG 208 Core (208 conductor)	6145-99-724-8842



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