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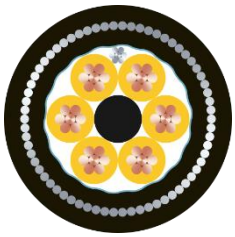
Caeser Types D60 to D66

Steel Wire Armour Protected 1.5mm² Multi Core Screened Instrumentation Cables

Cable **Construction**



Conductor
1.5mm² Stranded Plain Annealed Copper (IEC 60228 Class 2)

Insulation
Extruded XLPE (Crosslinked Polyethylene) Type GP8 to BS 7655

Lay Up
Multiple Cores Laid Up with Fillers where Required

Collective Screen
Aluminium/Polyester Tape Laid with Conductive Side in Contact with Tinned Annealed Copper Drain Wire

Inner Sheath
Extruded LSZH (Low Smoke Zero Halogen) to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7

Armouring
Galvanised Steel Single Wire Armour
(In accordance with BS EN 10257-1)

Outer Sheath
Extruded LSZH (Low Smoke Zero Halogen) to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7

Colours & **Identification**

Core Identification
Yellow Cores
Each core is individually numbered

Inner Sheath Colour
Black

Outer Sheath Colour
Black

Print Legend
LEIGH CABLES 1.5SQMM CSR-(*)-0015-(**) GEN TO BS5308 300/500V (***) MADE IN THE UK

(*) CSR Type (Examples "D62" or "D65")
(**) No of Cores (Examples "4C" or "20C")
(***) Reference No/Date

Properties & **Standards**

Design Standards
Generally to BS 5308 Part 1 Type 2

Electrical		
Voltage Rating	300/500	V
Temperature		
Max Conductor Temperature	90	°C
Operating Temperature Range	-20 to 70	°C
Fire Performance		
Flame Retardance	IEC 60332-1-2	
Flame Retardance	IEC 60332-3-22 (Cat A)	
Halogen Gas Content	IEC 60754-1	
Gas Acidity	IEC 60754-2	
Smoke Emission	IEC 61034	

Nominal **Dimensions**

Conductor Cross Sectional Area	1.50	mm²
Conductor Stranding	7/0.53	mm
Diameter over Insulation	2.79	mm
Inner Sheath Diameter	***See Table***	mm
Armour Wire Size	***See Table***	mm
Outer Sheath Diameter	***See Table***	mm

Caeser Types D60 to D66

Part Code	Description	Number of Cores (#)	Inner Sheath Ø (mm)	Armour Wire Size (mm)	Outer Sheath Ø (mm)
CSR-D60-0015-2C	1.5mm² 2 Core OASCR CSR Type D60	**2**	7.53	0.87	12.07
CSR-D61-0015-3C	1.5mm² 3 Core OASCR CSR Type D61	**3**	7.98	0.87	12.52
CSR-D62-0015-4C	1.5mm² 4 Core OASCR CSR Type D62	**4**	9.10	0.87	13.64
CSR-D63-0015-6C	1.5mm² 6 Core OASCR CSR Type D63	**6**	10.72	0.87	15.26
CSR-D64-0015-10C	1.5mm² 10 Core OASCR CSR Type D64	**10**	13.71	1.21	19.13
CSR-D65-0015-20C	1.5mm² 20 Core OASCR CSR Type D65	**20**	17.68	1.54	24.16
CSR-D66-0015-40C	1.5mm² 40 Core OASCR CSR Type D66	**40**	24.52	1.54	31.40