VIMCOM®

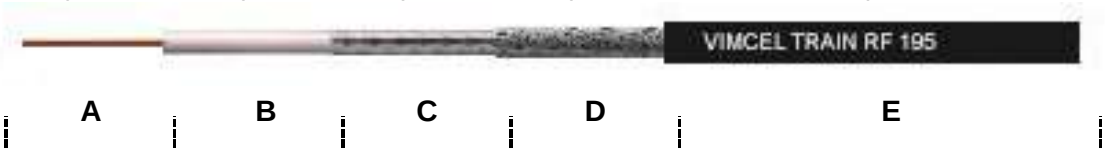
Classified for:
ISO 14572-2011-10 §5.21
ISO 6722-1:2011, §5.22
UN/ECE-R118:2012, §6.2.6
Train classified for:
DIN EN 60322-1-2:2017-06
EN 50305 Abs.9.1.2:2008-02
DIN EN 61034-2-2014-11

TRAIN CERTIFIED

TRAIN RF 195

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE

CU	PEG	LAS	CS	LSZH
ø 0,95 mm	ø 2,80 mm	ø 2,90 mm	ø 3,30 mm	ø 5,00 mm



A	B	C	D	E

MECHANICAL DATA

A	**INNER CONDUCTOR**	PLAIN COPPER	**ø 0,95 mm**
B	**DIELECTRIC**	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE ...	**ø 2,80 ± 0,10 mm**
C	**SHIELD**	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	**h. 12 mm**
		- COVERAGE	**100%**
D	**BRAID**	TINNED COPPER	**144 x 0,10 mm**
		- COVERAGE	**94%**
E	**SHEATH**	FLAME RETARTDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS.....	**ø 5,00 ± 0,10 mm**
	- COLOUR		**BLACK - RAL 9004**
	- PRINTING		**VIMCEL TRAIN RF 195**

MINIMUM BENDING RADIUS (mm)		**CABLE WEIGHT (Kg/Km)**	
- **SINGLE**	ø EXTERNAL X 5	- **COPPER**	16.9
- **REPEATED**	ø EXTERNAL X 10	- **PLASTIC**	20.2
TAMPERATURE RANGE	-30 °C / +70 °C	- **TOTAL**	38.6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ±1,5 Ohm	**RESISTANCE**	
		- **INNER CONDUCTO**	25,2 Ohm/Km
CAPACITANCE	84 pF/m	- **BRAID**	11,9 Ohm/Km
		TENSION	
VELOCITY RATIO	80%	- **SHEATH**	4,5 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2.7	1980
10	MHz	3.6	1400
30	MHz	6.0	808
50	MHz	7.7	626
150	MHz	12.5	361
220	MHz	15.2	298

MAX. POWER RATING W

		dB	W
400	MHz	20.8	209
600	MHz	26.0	181
800	MHz	30.3	157
900	MHz	32.2	151
1000	MHz	34.4	140
1500	MHz	43.1	114

		dB	W
1800	MHz	47.6	104
2000	MHz	50.6	99
2500	MHz	56.7	89
3000	MHz	62.4	81
5200	MHz	85.9	61
5800	MHz	91.4	58

STRUCTURAL RETURN LOSS dB

30	÷ 450	MHz	>25	2000 ÷ 3000	MHz	>19
450	÷ 1000	MHz	>23	3000 ÷ 4000	MHz	>16
1000	÷ 2000	MHz	>22	4000 ÷ 5800	MHz	>13

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>90
900 ÷ 2000	MHz	>80
2000 ÷ 3000	MHz	>70

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The producer reserves himself to make modification on the item without any notice.

VIMCOM AG Trockenloostrasse 29, 8105 Regensdorf
Tel. 0041 44 751 77 00 Fax 0041 44 751 77 10 Home page: http://www.vimcom.ch E-mail: info@vimcom.ch