

	GI-40-S			HD- 4 CLASS A			GI-29-S			GI-29/ 73-S CLASS A			GI-27/ 73-S CLASS A		
CONSTRUCTION AND ELECTRICAL DATA	Dim.		Cod.1090	Dim.		Cod.1699	Dim.		Cod.1091	Dim.		Cod.1562	Dim.		Cod.1720
Inner conductor	0,41 mm	Ccs		0,40 mm	Cu		0,65 mm	Cu		0,65 mm	Cu		0,70 mm	Cu	
Dielectric	1,9 mm	Pee		1,9 mm	Pee		2,9 mm	Pee		2,9 mm	Pee		2,9 mm	Pee	
Screen	Tape	Al/Pet			Al/Pet			Al/Pet/Al			Al/Pet/Al			Al/Pet/Al	
	Braid	58 %	CuSn		80 %	AlI		43 %	CuSn		73 %	CuSn		73%	CuSn
	Tape		Pet					Pet			Pet			Pet	
Outer sheath	3,6 mm	PVC		3,3 mm	LSZH		4,1 mm	PVC		4,1 mm	PVC		4,3 mm	PVC	
Copper content	kg/km	3,4		kg/km	1,2		kg/km	6,3		kg/km	9,9		kg/km	10,4	
Cable weight	kg/km	15,6		kg/km	11,5		kg/km	18,4		kg/km	22,4		kg/km	22,8	
Min. bending radius (single / multiple)	mm	15/30		mm	15/30		mm	20/40		mm	20/40		mm	20/40	
Max. tensile strength	N	120		N	45		N	75		N	75		N	80	
Other available sheaths	Black PE / LSZH			Black PE / PVC			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH		
Impedance [Ω]	75 \pm 3			75 \pm 3			75 \pm 3			75 \pm 3			75 \pm 3		
Capacitance [pF/m]	55 \pm 2			55 \pm 2			53 \pm 2			53 \pm 2			53 \pm 2		
Velocity ratio [%]	83			83			84			84			84		
DC resistance (inner / outer) [Ω /km]	320/41			140/38			53/33			53/20			46/20		

ATTENUATION (20°C)

Frequency [MHz]	dB/100m			dB/100m			dB/100m			dB/100m					
5	3,9			3,8			2,7			2,7			2,5		
50	10,9			10,8			7,2			7,2			7,0		
200	21,2			21,0			13,5			13,5			13,0		
470	33,2			32,5			20,8			20,8			20,3		
862	45,1			45,0			28,7			28,7			27,8		
1000	48,7			47,7			31,0			31,0			30,0		
1750	65,4			65,3			41,6			41,6			40,5		
2150	73,0			72,3			46,4			46,4			45,0		
3000	87,0			84,0			55,0			55,0			53,7		






STRUCTURAL RETURN LOSS

Frequency [MHz]	dB			dB			dB			dB					
5 - 470	> 26			> 26			> 28			> 28			> 28		
470 - 1000	> 23			> 23			> 26			> 26			> 26		
1000 - 2000	> 18			> 18			> 20			> 20			> 20		
2000 - 3000	> 16			> 16			> 16			> 16			> 16		

SCREENING EFFICIENCY

Frequency [MHz]	Transfer Imp. [Ti]	m Ω /m			m Ω /m			m Ω /m			m Ω /m		
5 - 30		< 15			< 5			< 5			< 5		
Frequency [MHz]	Screening Att. [As]	dB			dB			dB			dB		
30 - 1000		> 75			> 85			> 75			> 85		
1000 - 2000		> 80			> 90			> 80			> 90		
2000 - 3000		> 65			> 75			> 65			> 75		

Cu=Copper; Pee=Gas Injected Physical Foam PE; AlI=Aluminium; Al/Pet/Al=Aluminum Polyester Aluminum tape; AlPet=Aluminum Polyester tape; Pet=Polyester tape; CuSn=Tinned copper; Ccs=Copper Clad Steel; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero alogen; PE=Polyethylene

		GI-23/80-S CLASS A			HD-5 CLASS A			HD-5 TRS CLASS A+			DG SKY5			GI-23-A TRS				
CONSTRUCTION AND ELECTRICAL DATA		Dim.		Cod.1050	Dim.		Cod.1449	Dim.		Cod.1692	Dim.		Cod.1552	Dim.		Cod.1378		
Inner conductor		0,8 mm	Cu		0,8 mm	Cu		0,8 mm	Cu		0,8 mm	Cu		0,8 mm	Cu			
Dielectric		3,5 mm	Pee		3,5 mm	Pee		3,5 mm	Pee		3,5 mm	Pee		3,5 mm	Pee			
Screen	Tape		Al/Pet/Al		Al/Pet bonded			Al/Pet bonded			Al/Pet/Al			Al/Pet				
	Braid	80 %	CuSn		75%	CuSn		58%	CuSn		42%	CuSn		34%	All			
	Tape		Pet						Al/Pet			Pet			Al/Pet			
Outer sheath		5,0 mm	PVC		5,0 mm	LSZH		5,0 mm	PVC		5,0 mm	PVC		5,0 mm	PVC			
Copper content	kg/km	13,7			kg/km	12,8			kg/km	10,3			kg/km	8,5			kg/km	4,5
Cable weight	kg/km	30,0			kg/km	30,5			kg/km	27,2			kg/km	24,5			kg/km	22,7
Min. bending radius (single / multiple)	mm	25/50			mm	25/50			mm	25/50			mm	25/50			mm	25/50
Max. tensile strength	N	90			N	90			N	90			N	90			N	90
Other available sheaths		Black PE / LSZH			Black PE / PVC			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH				
Impedance [Ω]		75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3	
Capacitance [pF/m]		52 ± 2			52 ± 2			52 ± 2			52 ± 2			52 ± 2			52 ± 2	
Velocity ratio [%]		85			85			85			85			85			85	
DC resistance (inner / outer) [Ω/km]		35/15			35/16			35/16			35/35			35/45			35/45	

ATTENUATION (20°C)

Frequency [MHz]	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m
5	2,1	2,1	2,1	2,1	2,1
50	5,6	5,6	5,6	5,6	5,6
200	11,1	11,1	11,1	11,1	11,1
470	17,0	17,0	17,0	17,0	17,0
862	23,0	23,0	23,0	23,0	23,0
1000	24,9	24,9	24,9	24,9	24,9
1750	33,5	33,5	33,5	33,5	33,5
2150	37,4	37,4	37,4	37,4	37,4
3000	45,0	45,0	45,0	45,0	45,0

STRUCTURAL RETURN LOSS

Frequency [MHz]	dB	dB	dB	dB	dB
5 - 470	> 28	> 28	> 28	> 28	> 28
470 - 1000	> 26	> 26	> 26	> 26	> 26
1000 - 2000	> 20	> 20	> 20	> 20	> 20
2000 - 3000	> 18	> 18	> 18	> 18	> 18

SCREENING EFFICIENCY

Frequency [MHz]	Transfer Imp. [Ti]	mΩ/m	mΩ/m	mΩ/m	mΩ/m
5 - 30		< 5	< 5	< 2,0	
Frequency [MHz]	Screening Att. [As]	dB	dB	dB	dB
30 - 1000		> 85	> 90	> 115	> 75
1000 - 2000		> 80	> 85	> 120	> 90
2000 - 3000		> 75	> 80	> 110	> 75

Cu=Copper; Pee=Gas Injected Physical Foam PE; Pee/sbk=Pee / black outer skin; Al/Pet/Al=Aluminum Polyester Aluminum tape; Al/Pet=Aluminum Polyester tape; Pet=Polyester tape; CuSn=Tinned copper; Al/pet Bonded=Aluminum Polyester glued tape; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero Halogen; PE=Polyethylene

	GI-19-S			EC-17			GI-18/80-S CLASS A			HD-6 TRS CLASS A			HD-7 TRS CLASS A+		
CONSTRUCTION AND ELECTRICAL DATA	Dim.		Cod.1052	Dim.		Cod.1057	Dim.		Cod.1006	Dim.		Cod.1437	Dim.		Cod.1666
Inner conductor	1,0 mm	Cu		1,0 mm	Cu		1,0 mm	Cu		1,02 mm	Cu		1,02 mm	Cu	
Dielectric	4,3 mm	Pee		4,8 mm	Pee/Skb		4,8 mm	Pee		4,7 mm	Pee		4,6 mm	Pee	
Screen	Tape	Al/Pet/Al		Al/Pet		Al/Pet/Al		Al/Pet/Al		Al/Pet bonded		Al/Pet bonded		Al/Pet bonded	
	Braid	41 %	CuSn	30 %	Cu	80 %	CuSn	63 %	CuSn	82 %	CuSn		82 %	CuSn	
	Tape		Pet						Al/Pet		Al/Pet			Al/Pet	
Outer sheath	6,0 mm	PVC		6,6 mm	PVC		6,6 mm	PVC		6,5 mm	PVC		6,7 mm	PVC	
Copper content	kg/km	11,6		kg/km	10,5		kg/km	19,0		kg/km	16,2		kg/km	19,8	
Cable weight	kg/km	39,2		kg/km	38		kg/km	48,8		kg/km	43,2		kg/km	53,6	
Min. bending radius (single / multiple)	mm	30/60		mm	30/60		mm	30/60		mm	35/70		mm	35/70	
Max. tensile strength	N	140		N	140		N	140		N	140		N	140	
Other available sheaths	Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH		
Impedance [Ω]	75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3		
Capacitance [pF/m]	54 ± 2			53 ± 2			53 ± 2			53 ± 2			53 ± 2		
Velocity ratio [%]	83			84			84			84			84		
DC resistance (inner / outer) [Ω/km]	22,5/26			22,5/41			22,5/14			22/13			22/10		

ATTENUATION (20°C)

Frequency [MHz]	dB/100m			dB/100m			dB/100m			dB/100m					
5	1,8			2,0			1,7			1,6			1,5		
50	4,8			4,8			4,6			4,6			4,4		
200	9,0			8,7			8,6			8,6			8,8		
470	13,9			13,6			13,6			13,6			13,8		
862	19,5			18,8			18,8			18,8			18,8		
1000	21,0			20,3			20,3			20,3			20,4		
1750	28,5			27,2			27,2			27,2			27,6		
2150	31,9			30,6			30,6			30,6			30,9		
3000	38,0			37,0			37,0			37,0			37,3		






STRUCTURAL RETURN LOSS

Frequency [MHz]	dB			dB			dB			dB					
5 - 470	> 30			> 30			> 30			> 30			> 30		
470 - 1000	> 26			> 26			> 28			> 28			> 28		
1000 - 2000	> 20			> 20			> 23			> 23			> 23		
2000 - 3000	> 18			> 18			> 20			> 20			> 20		






SCREENING EFFICIENCY

Frequency [MHz]	Transfer Imp. [Ti]	mΩ/m			mΩ/m			mΩ/m			mΩ/m		
5 - 30		< 15			< 5			< 5			< 2,5		
Frequency [MHz]	Screening Att. [As]	dB			dB			dB			dB		
30 - 1000		> 75			> 85			> 115			> 120		
1000 - 2000		> 80			> 95			> 110			> 110		
2000 - 3000		> 70			> 75			> 100			> 110		





Cu=Copper; Pee=Gas Injected Physical Foam PE; Pee/sbk=Pee / black outer skin; Al/Pet/Al=Aluminum Polyester Aluminum tape; Al/Pet=Aluminum Polyester tape; Pet=Polyester tape; CuSn=Tinned copper; Al/pet Bonded=Aluminum Polyester glued tape; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero Halogen; PE=Polyethylene

		GI-16-S			GI-16/80-S CLASS A			DG EXTREME 7 HD CLASS A			GI-16-R			HD-8 CLASS A		
CONSTRUCTION AND ELECTRICAL DATA		Dim.		Cod.1021	Dim.		Cod.1022	Dim.		Cod.1464	Dim.		Cod.1214	Dim.		Cod.1630
Inner conductor		1,13 mm	Cu		1,13 mm	Cu		1,13 mm	Cu		1,13 mm	Cu		1,13 mm	Cu	
Dielectric		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee	
Screen	Tape		Al/Pet/Al			Al/Pet/Al			Al/Pet/Al			Cu/Pet			Al/Pet/Al	
	Braid	40 %	CuSn		80 %	CuSn		72 %	CuSn		40 %	Cu		77 %	CuSn	
	Tape		Pet			Pet			Al/Pet			Pet				
Outer sheath		6,7 mm	PVC		6,8 mm	PVC		6,6 mm	PVC		6,6 mm	PVC		6,8 mm	LSZH	
Copper content		kg/km	13,6		kg/km	21		kg/km	19,5		kg/km	13,7		kg/km	21,9	
Cable weight		kg/km	44,8		kg/km	50,8		kg/km	44,5		kg/km	44,5		kg/km	51,3	
Min. bending radius (single / multiple)		mm	35/70		mm	35/70		mm	35/70		mm	35/70		mm	35/70	
Max. tensile strength		N	150		N	150		N	150		N	150		N	150	
Other available sheaths		Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / PVC		
Impedance [Ω]		75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3		
Capacitance [pF/m]		52 ± 2			52 ± 2			52 ± 2			52 ± 2			52 ± 2		
Velocity ratio [%]		85			85			85			85			85		
DC resistance (inner / outer) [Ω/km]		18/26			18/13			18/13			18/23			18/10		
ATTENUATION (20°C)																
Frequency [MHz]		dB/100m			dB/100m			dB/100m			dB/100m			dB/100m		
5		1,5			1,4			1,4			1,3			1,4		
50		4,3			4,1			4,1			3,7			4,1		
200		8,1			8,1			8,1			7,7			8,1		
470		12,6			12,6			12,6			12,0			12,6		
862		17,1			17,1			17,1			16,6			17,1		
1000		18,5			18,5			18,5			17,9			18,5		
1750		25,1			25,1			25,1			24,2			25,1		
2150		27,9			27,9			27,9			27,1			27,9		
3000		33,5			33,5			33,5			32,6			33,5		
STRUCTURAL RETURN LOSS																
Frequency [MHz]		dB			dB			dB			dB			dB		
5 - 470		> 30			> 30			> 30			> 30			> 30		
470 - 1000		> 26			> 28			> 28			> 26			> 28		
1000 - 2000		> 20			> 23			> 23			> 23			> 23		
2000 - 3000		> 18			> 20			> 20			> 18			> 20		
SCREENING EFFICIENCY																
Frequency [MHz]		Transfer Imp. [Ti]		mΩ/m			mΩ/m		mΩ/m			mΩ/m		mΩ/m		
5 - 30				< 15			< 5		< 5			< 15		< 5		
Frequency [MHz]		Screening Att. [As]		dB			dB		dB			dB		dB		
30 - 1000				> 75			> 85		> 100			> 75		> 85		
1000 - 2000				> 85			> 95		> 110			> 85		> 100		
2000 - 3000				> 75			> 75		> 90			> 75		> 80		

Cu=Copper; Pee=Gas Injected Physical Foam PE; Al/Pet/Al=Aluminum Polyester Alluminum tape; Pet=Polyester tape; CuSn=Tinned copper; Cu/Pet=Copper Polyester tape; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero Halogen; PE=Polyethylene

		BASIC 7R			BASIC 7R TRS CLASS A			17 ALL TRS			17 ALL PLUS CLASS A			BASIC 7		
CONSTRUCTION AND ELECTRICAL DATA		Dim.		Cod.1459	Dim.		Cod.1710	Dim.		Cod.1724	Dim.		Cod.1733	Dim.		Cod.1428
Inner conductor		1,0 mm	Cu		1,0 mm	Cu		1,13 mm	Cu		1,13 mm	Cu		1,02 mm	Ccs	
Dielectric		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee		4,8 mm	Pee	
Screen	Tape		Al/Pet/Al			Al/Pet/Al			Al/Pet/Al			Al/Pet/Al			Al/Pet	
	Braid	43 %	All		63 %	All		43 %	All		63%	All		43 %	All	
	Tape		Pet			Al/Pet			Al/Pet			Al/Pet				
Outer sheath		6,8 mm	PVC		6,6 mm	PVC		6,7 mm	PVC		6,7 mm	PVC		6,6 mm	PVC	
Copper content	kg/km	7			kg/km	7		kg/km	9		kg/km	9		kg/km	-	
Cable weight	kg/km	40,5			kg/km	39,3		kg/km	41		kg/km	42,6		kg/km	35,3	
Min. bending radius (single / multiple)	mm	35/70			mm	35/70		mm	35/70		mm	35/70		mm	35/70	
Max. tensile strength	N	140			N	140		N	150		N	150		N	300	
Other available sheaths		Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH			Black PE / LSZH		
Impedance [Ω]		75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3		
Capacitance [pF/m]		53 ± 2			53 ± 2			52 ± 2			52 ± 2			53 ± 2		
Velocity ratio [%]		84			84			85			85			84		
DC resistance (inner / outer) [Ω/km]		22,5/38			22,5/20			18/32			18/20			100/52		
ATTENUATION (20°C)																
Frequency [MHz]		dB/100m			dB/100m			dB/100m			dB/100m			dB/100m		
5		1,7			1,7			1,5			1,5			1,8		
50		4,6			4,6			4,3			4,3			4,8		
200		8,6			8,6			8,1			8,1			9,0		
470		13,6			13,6			12,6			12,6			13,9		
862		18,8			18,8			17,4			17,4			18,8		
1000		20,3			20,3			18,9			18,9			20,3		
1750		27,2			27,2			25,4			25,4			27,2		
2150		30,6			30,6			28,5			28,5			30,6		
3000		37,5			37,5			34,0			34,0			37,5		
STRUCTURAL RETURN LOSS																
Frequency [MHz]		dB			dB			dB			dB			dB		
5 - 470		> 30			> 30			> 30			> 30			> 30		
470 - 1000		> 26			> 26			> 26			> 26			> 26		
1000 - 2000		> 20			> 20			> 20			> 20			> 20		
2000 - 3000		> 18			> 18			> 18			> 18			> 18		
SCREENING EFFICIENCY																
Frequency [MHz]	Transfer Imp. [Ti]	mΩ/m			mΩ/m			mΩ/m			mΩ/m			mΩ/m		
5 - 30		< 5			< 15			< 5			< 5			< 5		
Frequency [MHz]	Screening Att. [As]	dB			dB			dB			dB			dB		
30 - 1000		> 75			> 85			> 75			> 85			> 75		
1000 - 2000		> 80			> 80			> 80			> 80			> 80		
2000 - 3000		> 70			> 75			> 75			> 75			> 70		

Cu=Copper; Pee=Gas Injected Physical Foam PE; All=Aluminium; AlPet/Al=Aluminum Polyester Aluminum tape; AlPet=Aluminum Polyester tape; Pet=Polyester tape; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero Halogen; PE=Polyethylene

	GI-11-R			11 ALL PE			GI-11-S TRS CLASS A			RG-11-S J-TAPE CLASS A++			RG-11-S PJ CLASS A		
CONSTRUCTION AND ELECTRICAL DATA	Dim.		Cod.1551	Dim.		Cod.1383	Dim.		Cod.1711	Dim.		Cod.1302	Dim.		Cod.1645
Inner conductor	1,70 mm	Cu		1,70 mm	Cu		1,70 mm	Cu		1,63 mm	Cu		1,63 mm	Cu	
Dielectric	7,2 mm	Pee		7,2 mm	Pee		7,2 mm	Pee		7,2 mm	Pee		7,2 mm	Pee	
Screen	Tape	Cu/Pet			Al/Pet/Al			Al/Pet/Al			Al/Pet bonded			Al/Pet bonded	
	Braid	55 % Cu		57 %	All		55 %	CuSn		65 %	CuSn		65 %	CuSn	
	Tape	Pet			Pet			Al/Pet			J-tape			Flooding Compound (Pj)	
Outer sheath	10,2 mm	PE		10,2 mm	PE		10,2 mm	PE		10,2 mm	PE		10,2 mm	PE	
Copper content	kg/km	42,9		kg/km	20,4		kg/km	37		kg/km	35,4		kg/km	35,4	
Cable weight	kg/km	90,5		kg/km	76		kg/km	88,5		kg/km	81		kg/km	85	
Min. bending radius (single / multiple)	mm	100		mm	100		mm	100		mm	100		mm	100	
Max. tensile strength	N	300		N	300		N	300		N	300		N	300	
Other available sheaths	LSZH / PVC			LSZH / PVC			LSZH / PVC			LSZH / PVC			LSZH / PVC		
Impedance [Ω]	75 ± 3			75 ± 3			75 ± 3			75 ± 3			75 ± 3		
Capacitance [pF/m]	52 ± 2			52 ± 2			52 ± 2			52 ± 2			52 ± 2		
Velocity ratio [%]	85			85			85			85			85		
DC resistance (inner / outer) [Ω/km]	8/10			8/15			8/8			8,5/7,5			8,5/11,5		

ATTENUATION (20°C)

Frequency [MHz]	dB/100m			dB/100m			dB/100m			dB/100m					
5	0,9			0,9			0,9			1,1			1,1		
50	2,5			2,7			2,7			2,8			2,8		
200	5,3			5,6			5,6			5,7			5,7		
470	8,2			8,8			8,8			9,1			9,1		
862	11,5			12,3			12,3			12,3			12,3		
1000	12,4			13,1			13,1			13,1			13,1		
1750	17,0			18,0			18,0			18,5			18,5		
2150	19,0			20,2			20,2			20,8			20,8		
3000	23,0			24,3			24,3			25,5			25,5		






STRUCTURAL RETURN LOSS

Frequency [MHz]	dB			dB			dB			dB					
5 - 470	> 28			> 28			> 28			> 28			> 28		
470 - 1000	> 26			> 26			> 26			> 26			> 26		
1000 - 2000	> 23			> 23			> 23			> 23			> 23		
2000 - 3000	> 18			> 18			> 18			> 18			> 18		




SCREENING EFFICIENCY

Frequency [MHz]	Transfer Imp. [Ti]	mΩ/m			mΩ/m			mΩ/m			mΩ/m				
5 - 30		< 15			< 15			< 5			< 0,8			< 5	
Frequency [MHz]	Screening Att. [As]	dB			dB			dB			dB				
30 - 1000		> 85			> 85			> 100			> 120			> 90	
1000 - 2000		> 90			> 90			> 120			> 110			> 85	
2000 - 3000		> 85			> 80			> 115			> 100			> 80	

Cu=Copper; Pee=Gas Injected Physical Foam PE; Al=Aluminium; Al/Pet/Al=Aluminum Polyester Aluminum tape; Al/Pet=Aluminum Polyester tape; Pet=Polyester tape; CuSn=Tinned copper; Cu/Pet=Copper Polyester tape; Al/pet Bonded=Aluminum Polyester glued tape; PVC=Poly-vinyl-Chloride; LSZH=Low Smoke Zero Halogen; PJ=Petrol jelly filling; PE=Polyethylene; J-Tape=Aluminum Polyester tape (J-folded)

	9 X GI-16-S			5 X GI-18-S			4 X GI-18-S			4 X GI-23-S			2 X GI-23-S		
CONSTRUCTION DATA	Dim.		Cod.1251	Dim.		Cod.1675	Dim.		Cod.1676	Dim.		Cod.1062	Dim.		Cod.1061
															
Single Cable	6,7 mm	Coloured PVC	GI-16S	6,7 mm	Coloured PVC	GI-18S	6,7 mm	Coloured PVC	GI-18S	5,0 mm	Coloured PVC	GI-23S	5,0 mm	White PVC	GI-23S
Impedance	75 ± 3 [Ω]			75 ± 3 [Ω]			75 ± 3 [Ω]			75 ± 3 [Ω]			75 ± 3 [Ω]		
Attenuation	dB/100m			dB/100m			dB/100m			dB/100m			dB/100m		
50 MHz	4,3			4,6			4,6			5,6			5,6		
470 MHz	12,6			13,6			13,6			17,0			17,0		
862 MHz	17,1			18,8			18,8			23,0			23,0		
2150 MHz	27,9			30,6			30,6			37,4			37,4		
3000 MHz	33,5			37,0			37,0			45,0			45,0		
Central Filler	10,0 mm	White PVC		4,6 mm	White PVC		2,6 mm	White PVC							
Spirally Wrapped Film		Pet			Pet			Pet			Pet				
Outer Sheath	26 mm	Black PVC		20,5 mm	White PVC		19,0 mm	White PVC		13 mm	White PVC		[5x11] mm	White PVC	
Cable Weight	665 kg/Km			395 kg/Km			287 kg/Km			180 Kg/Km			64 Kg/Km		
Copper Content	190 kg/Km			58 kg/Km			47 Kg/Km			31,2 Kg/Km			15,6 Kg/km		

Pet=Polyester tape; PVC=Poly-vinyl-Chloride

		COAX + FIBER			COAX CLASS A + EL			COAX + LAN + DUT					
CONSTRUCTION AND ELECTRICAL DATA		Dim.		Cod.1697	Dim.		Cod.1732	Dim.		Cod.1555	LAN CABLE		
Inner conductor		1,13 mm	Cu		0,80 mm	Cu		1,13 mm	Cu				
Dielectric		4,80 mm	Pee		3,7 mm	Pee		Electrical Leads	4,80 mm		Pee	Copper stranded conductor	
Screen	Tape		Al/Pet/Al			Al/Pet		2x0,5 mm ²			Al/Pet/Al	0,14 mm ² Cu	
	Braid	40 %	CuSn		88 %	CuSn		Max Curr. 4A	40 %		CuSn	HDPE conductor sheath	
	Tape		Pet			Pet		Max Volt. 50V			Pet	1,0 mm	
Inner sheath		6,7 mm	PVC		6,0 mm	LSZH		Res. 37 Ω/km	6,7 mm		PVC	Outer sheath	
Outer sheath		10,8x8 mm	PVC		9,5x10,5mm	PVC			14x12 mm		PVC	5,1 mm PVC/LSZH	
Copper content		kg/km	13,6		kg/km	18,5			kg/km		13,6		
Cable weight		kg/km	77,5		kg/km	125			kg/km		127		
Min. bending radius (single / multiple)		mm	50		mm	50/70			mm		70		
Max. tensile strength		N	150	N	140		N	150					
Other available sheaths		Black PE / LSZH			Black PE / LSZH			Black PE / LSZH					
Impedance [Ω]		75 ± 3			75 ± 3			75 ± 3					
Capacitance [pF/m]		52 ± 2			52 ± 2			52 ± 2					
Velocity ratio [%]		85			82			85					
DC resistance (inner/outer) [Ω/km]		18/26			35/13,5			18/26					
ATTENUATION (20°C)													
Frequency [MHz]		dB/100m			dB/100m			dB/100m			Att [dB/100m]	Next [dB]	Freq [MHz]
5		1,5			2,1			1,5			2,5	74	1
50		4,3			5,6			4,3			5,6	64	4
200		8,1			11,1			8,1			9,1	57	10
470		12,6			17,0			12,6			11,7	54	16
862		17,1			23,0			17,1			13	52	20
1000		18,5			24,9			18,5			16,5	50	32,25
1750		25,1			33,5			25,1			24	46	62,50
2150		27,9			37,4			27,9			31	42	100
3000		33,5			45,0			33,5			32	40	125
STRUCTURAL RETURN LOSS													
Frequency [MHz]		dB			dB			dB			34	38	155
5 - 470		> 30			> 30			> 30			36	37	200
470 - 1000		> 26			> 26			> 26					
1000 - 2000		> 20			> 23			> 20					
2000 - 3000		> 18			> 20			> 18					
SCREENING EFFICIENCY													
Frequency [MHz]	Transfer Imp. [Ti]	mΩ/m			mΩ/m			mΩ/m					
5 - 30		< 15			< 5			< 15					
Frequency [MHz]	Screening Att. [As]	dB			dB			dB					
30 - 1000		> 75			> 85			> 75					
1000 - 2000		> 85			> 90			> 85					
2000 - 3000		> 75			> 80			> 75					
SINGLE MODE OPTICAL FIBER (1Tube x 4Fiber)		ELECTRICAL DATA						HD PE RIGID DUT FOR FIBER					
Outer sheath	φ=2,5 ± 0,2 mm							φ=5,9 ± 0,3 mm		Dut Ext Diameter			
Aramid fibres								1,4 mm		Thickness			
Duct	Loose tube, gel filled	Attenuation @ 1310 nm 0,36 dB/Km						φ=3,5 ± 0,3 mm		Internal core			
Numbers of fiber 4		Attenuation @ 1550 nm 0,25 dB/Km											
Optical fiber Standard	TU-T G657.A1	Attenuation @ 1625 nm 0,35 dB/Km											

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LE CONFEZIONI

Interpretando la filosofia di soddisfare le specifiche necessità del singolo cliente, anche le confezioni si adeguano alle esigenze del mercato e delle singole richieste, producendosi in una vasta molteplicità di formati. Sono inoltre disponibili confezioni su richiesta, eventualmente caratterizzate col marchio del cliente.

THE PACKAGING

Following our philosophy to satisfy the specific needs of each customer, even the packaging is adapted to the market needs and individual requests: we have a wide variety of formats, in addition to packaging available upon request, also with the customer's logo if needed.

