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Accessories (Octos)

UDT-222

Testpoint

Up- down-stream testpoint Octos



UDT-222 front



UDT-222 back

	Port	Range	Min.	Typical	Max. Unit	Rem.	Margin
Frequency Range	Opt.Node RX -> TeraLink RX		5		65 MHz		
	Opt.Node TX -> TeraLink TX		87		862 MHz		
	RX Testpoint		5		65 MHz		
	TX Testpoint		87		862 MHz		
Connectors	F-female						
Temperature Range			-10		+55 °C		
EMC	EN-50083-2 § 4.2.2.2						
Equipment Approval	CE						
Insertion Loss	Opt.Node RX -> TeraLink RX			32			dB
	Opt.Node RX -> RX Testpoint			32			dB
	Opt.Node TX -> TeraLink TX			22			dB
	TeraLink TX -> TX Testpoint			20			dB
	TeraPro -> TeraLink RX			52			dB
	TeraLink TX -> Terapro			42			dB
Ripple	All ports	5 MHz < F < 65 MHz		0,5			dB
		85 MHz < F < 862 MHz		0,5	1,0		dB
Return Loss	All ports			20			dB 1
Isolation	Upstream -> Downstream		50				dB
Screening Effectiveness	-	5 MHz < F < 300 MHz	75	85			dB 2
		300 MHz < F < 470 MHz	75	85			dB 2
		470 MHz < F < 862 MHz	65	75			dB 2

Remarks:

- F > 40 MHz -1.5 dB/oct
- Transfer impedance method according IEC 60728-2 (5-30 MHz)
Absorption clamp method according IEC-60728-2 § 4.4 (30-862 MHz)

note: Specifications are measured at room temperature

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853