

Zertifikat Nr. EWA20026-43

Prüfling:

Komponente 1:	Modular Patch Verteiler MPP/ MPD Cat. 6
Komponente 2:	Anschlussdose AMJ45 8/8 Cat. 6 / Class E
Installationskabel:	Silverline Giga S-STP 4x2/0,64 LSOH Cat. 8

Bewertungsstandard:

ISO/IEC JTC 1/SC 25 N 739 IT (2001-10-10)
Channel Class E

Ergebnis:

Der Prüfling erfüllt die Grenzwerte nach ISO/IEC JTC 1/SC 25 N 739 IT (2001-10-10) Channel Class E

Das Zertifikat verweist auf den ausführlichen Prüfbericht EWA20026-43 vom 06. August 2002.

Testlabor:

Telegärtner Karl Gärtner GmbH

Datum:

6. August 2002

Tester:

Frank Albert

Übersicht Testergebnisse

Paar	1-2	3-6	4-5	7-8	Vorgabe	Diff. / ns	Vorgabe
max Laufzeit / ns	441.0	456.0	443.0	454.0	546.3	15.0	50.0
Dämpfung @ 100 MHz / dB	-17.5	-18.3	-17.8	-18.3	-21.7		
Dämpfung @ 250 MHz / dB	-27.8	-29.7	-28.6	-29.3	-21.7		
min PSNEXT Reserve / dB	13.5	6.8	6.6	8.4			
@ f / MHz	237.1	235.3	19.2	233.5			
PSNEXT Vorgabe / dB	-30.6	-30.6	-49.3	-30.7			
PSNEXT @ 100 MHz	-55.4	-46.2	-46.2	-49.3	-37.1		
PSNEXT @ 250 MHz	-46.8	-39.6	-39.6	-39.9	-30.2		
min PSELFEXT Reserve / dB	13.9	7.4	6.5	12.8			
@ f / MHz	1.0	1.0	1.0	1.4			
PSELFEXT Vorgabe / dB	-60.6	-60.6	-60.6	-57.3			
PSELFEXT @ 100 MHz	-41.4	-29.3	-28.8	-34.5	-20.3		
PSELFEXT @ 250 MHz	-29.0	-20.6	-20.9	-26.8	-12.3		
min PSACR Reserve / dB	17.4	8.3	7.8	13.1			
@ f / MHz	6.8	17.8	19.2	26.4			
PSACR Vorgabe / dB	51.3	41.0	40.2	36.2			
PSACR @ 100 MHz	40.6	36.3	35.6	35.2	15.4		
PSACR @ 250 MHz	20.4	12.0	14.8	12.4	-5.7		
min Return Loss Reserve / dB	2.8	5.1	3.4	4.5			
@ f / MHz	2.5	2.5	3.7	3.4			
Return Loss Vorgabe / dB	-19.0	-19.0	-19.0	-19.0			

Paar	1-2 / 3-6	1-2 / 4-5	1-2 / 7-8	3-6 / 4-5	3-6 / 7-8	4-5 / 7-8	Vorgabe
min NEXT Reserve / dB	11.4	14.5	16.7	4.7	5.7	8.0	
@ f / MHz	236.7	242.5	27.3	19.2	233.5	247.4	
NEXT Vorgabe / dB	-33.5	-33.3	-49.4	-51.9	-33.6	-33.2	
NEXT @ 100 MHz	-60.8	-61.3	-58.5	-47.4	-53.0	-52.7	-39.9
NEXT @ 250 MHz	-47.4	-51.4	-54.4	-44.6	-42.3	-41.6	-33.1
min ACR Reserve / dB	17.5	16.6	18.1	5.9	11.7	12.1	
@ f / MHz	236.2	7.0	27.3	19.2	235.3	16.3	
ACR Vorgabe / dB	-1.3	53.6	38.5	42.8	-1.2	44.7	
ACR @ 100 MHz	42.6	43.5	40.2	29.1	34.7	34.4	18.2
ACR @ 250 MHz	17.7	22.7	25.1	14.9	12.6	12.2	-2.8

Paar	3-6 / 1-2	4-5 / 1-2	7-8 / 1-2	4-5 / 3-6	7-8 / 3-6	7-8 / 4-5	Vorgabe
	1-2 / 3-6	1-2 / 4-5	1-2 / 7-8	3-6 / 4-5	3-6 / 7-8	4-5 / 7-8	
min ELFEXT Reserve / dB	20.1	11.3	24.2	5.0	13.0	11.6	
@ f / MHz	247.9	1.0	227.2	1.0	1.4	230.8	
ELFEXT Vorgabe / dB	-15.4	-63.6	-16.1	-63.6	-60.3	-16.0	
min ELFEXT Reserve / dB	18.2	11.2	23.2	5.0	13.0	10.9	
@ f / MHz	247.9	1.0	227.2	1.0	1.4	230.8	
ELFEXT Vorgabe / dB	-15.4	-63.6	-16.1	-63.6	-60.3	-16.0	
ELFEXT @ 100 MHz	-54.5	-41.7	-53.0	-29.5	-41.4	-35.7	-23.3
ELFEXT @ 250 MHz	-36.9	-29.7	-43.7	-21.2	-30.7	-29.6	-15.3
ELFEXT @ 100 MHz	-53.7	-41.4	-52.2	-30.0	-41.4	-35.2	-23.3
ELFEXT @ 250 MHz	-35.0	-28.9	-42.2	-22.3	-31.0	-28.9	-15.3