

ASTRO GUT MMDxxx

Multimedia Broadband and Data Boxes

Features

- Very high isolation between data connection and TV/RF connection prevents disturbances in TV and radio reception by means of the cable modem
- WICLIC or F-connector jacks for the cable modem prevent unwanted ingress caused by connecting a "second television"
- High beam strength via the radio jack by means of VHF bandpass filter
- Easy, fast and secure connection even with different internal conductor cross sections



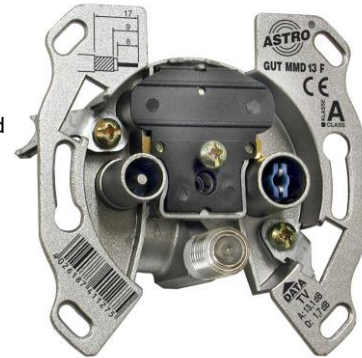
Specifications

GUT MMD 4 F	Stubline outlet					
Frequency range (MHz)	5-45	45-65	87,5-108	111-125	125-470	470-862
Tap loss (dB)						
Modem	3,3 ± 0,5	3,3 ± 0,5	6,2 ± 2	4,3 ± 1	3,8 ± 0,5	4,2 ± 0,5
TV	> 80	> 52	> 7,5	5,4 ± 1	4,3 ± 0,5	4,2 ± 0,5
Radio	> 80	> 38	8 ± 2	> 13	> 30	> 50
Isolation (dB)						
Modem to TV	> 80	> 70	> 20	> 20	> 24	> 24
Modem to Radio	> 80	> 40	> 10	> 14	> 30	> 50
TV to Radio	> 80	> 80	> 14	> 16	> 30	> 50
Return loss						
Input	> 18	> 18	> 10	> 12	> 14	> 14
Modem	> 18	> 18	> 14	> 14	> 14	> 12
TV	-	-	-	> 12	> 10	> 10
Radio	-	-	> 10	-	-	-

GUT MMD 10 F	End point outlet					
Frequency range (MHz)	5-45	45-65	87,5-108	111-125	125-470	470-862
Tap loss (dB)						
Modem	9,1 ± 0,5	9,1 ± 0,5	12 ± 2	10,3 ± 1	9,5 ± 0,5	9,7 ± 0,5
TV	> 80	> 55	> 13,5	11,4 ± 1	10,1 ± 0,5	9,7 ± 0,5
Radio	> 80	> 44	13,5 ± 2	> 17	> 30	> 60
Isolation (dB)						
Modem to TV	> 78	> 70	> 20	> 20	> 24	> 24
Modem to Radio	> 80	> 40	> 10	> 14	> 30	> 58
TV to Radio	> 80	> 80	> 14	> 16	> 30	> 58
Return loss						
Input	> 18	> 18	> 18	> 18	> 18	> 16
Input ¹⁾	> 18	> 18	> 14	> 14	> 14	> 14
Modem	> 18	> 18	> 14	> 14	> 14	> 12
TV	-	-	-	> 12	> 10	> 10
Radio	-	-	> 10	-	-	-

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Specifications

GUT MMD 13 F	Loop through outlet					
Frequency range (MHz)	5-45	45-65	87,5-108	111-125	125-470	470-862
Through loss (dB)	1,5 ± 0,2	1,5 ± 0,2	1,5 ± 0,2	1,5 ± 0,2	1,5 ± 0,2	1,7 ± 0,2
Tap loss (dB)						
Modem	12,3 ± 0,5	12,2 ± 0,5	15,0 ± 2	13,3 ± 1	12,6 ± 0,6	13,1 ± 0,7
TV	> 80	> 60	> 16	14,2 ± 1	13,1 ± 0,6	13,1 ± 0,7
Radio	> 80	> 46	16,5 ± 2	> 20	> 35	> 60

GUT MMD 17 F	Loop through outlet					
Through loss (dB)	0,7 ± 0,2	0,7 ± 0,2	0,7 ± 0,2	0,7 ± 0,2	0,7 ± 0,2	0,9 ± 0,2
Tap loss (dB)						
Modem	16,0 ± 0,5	16,0 ± 0,5	18,5 ± 2	16,8 ± 1	16,2 ± 0,6	16,4 ± 0,7
TV	> 80	> 60	> 20	18,0 ± 1	16,9 ± 0,6	16,4 ± 0,7
Radio	> 80	> 50	20,5 ± 2	> 24	> 40	> 60

GUT MMD 7 SAT	Multimedia stupline outlet					
Frequency range (MHz)	5-45	45-65	84-470	470-862	862-950	950-2400
Tap loss (dB)						
Modem	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1	-
TV	> 55	> 55	7 ± 1	7 ± 1	-	-
Radio	> 55	> 55	7 ± 1	7 ± 1	-	-
SAT	> 55	> 55	> 30	> 30	> 15	1,5 ± 1