

## „F” type multimedia subscriber outlets

### GMF-35x



RoHS



The **GMF** series multimedia subscriber outlets are designed for group CATV installations, where return path is used for data transmission services like Internet or VoIP telephony. Depending on the type of the outlet, the sum of transmitted signals can be divided into suitable outputs:

- R (FM radio receiver),
- TV (TV receiver),
- D – DATA (cable modem).

The construction of outlet casing allows its installation in the OGF type plastic casing (“mouse”). Thanks to that this outlet can be used in CATV installations as the end subscriber.

GMF outlets are designed for in-door use.

- Full range of work frequencies: 5-862MHz .
- Separation of signals to dedicated outputs: R/TV/DATA
- Same attenuation of signal loss in both transmission ways in DATA path – 10,5 dB.
- Efficient blockade of interference from output side in direction of the return path >30 dB.
- Solid, die-cast housing
- Simple installation and sure connection of the outlet

## TECHNICAL PARAMETERS

TYPE		GMF-350	GMF-351	GMF-352	GMF-353	GMF-354
<b>OUTPUT TYPE</b>						
- R	/	--	1	--	--	--
- TV	/	--	1	--	--	--
- RTV	/	1	--	2	1	1
- DATA	/	1	1	1	1	2
<b>FREQUENCY RANGE</b>						
RTV → IN	MHz	5-65	5-65	5-65	5-65	5-65
IN → RTV	MHz	87-862	--	87-862	87-862	87-862
IN → R	MHz	--	87-140	--	--	--
IN → TV	MHz	87-862	--	--	--	--
IN → DATA	MHz	87-862	87-862	87-862	87-862	87-862
DATA → IN	MHz	5-65	5-65	5-65	5-65	5-65
<b>ATTENUATION</b>						
RTV-IN for: • 5-65MHz	dB	>30	>30	>30	>30	>30
IN-DATA for • 5-65MHz	dB	10,5	10,5	10,5	4,5 ±1	10,0
RTV-DATA	dB	--	--	--	--	--
DATA-IN for • 5-65MHz	dB	1,0	1,0	1,0	1,0	4,5
IN-R for • 87-139MHz	dB	--	13 ±1	--	--	--
IN-TV for: • 87-862MHz • 5-65MHz	dB dB	-- --	4,0 ±1 --	-- --	-- --	-- --
IN-RTV for • 87-862MHz • 5-65MHz	dB dB	3,0 --	-- --	7,0 --	4,0 ±1 --	5,0 ±1 --
<b>SEPARATION</b>						
DATA-RTV for • 87-862MHz • 5-65MHz	dB dB	-- --	-- --	-- --	-- --	-- --
DATA-TV for • 5-65MHz • 87-862MHz	dB dB	-- --	>30 >40	-- --	-- --	-- --
DATA-R for • 87-862MHz • 5-65MHz	dB dB	-- --	>45 >22	-- --	-- --	-- --
RTV-R for • 87-862MHz	dB	--	--	--	--	--
R-TV	dB	--	>20	--	--	--
RTV-DATA for • 87-862MHz • 5-65MHz	dB dB	-- >30	-- --	>20 >35	-- >30	>15 >30
<b>OTHERS</b>						
Screening effectiveness	dB	>100	>100	>100	>100	>100
Input / Output impedance	Ohm/Ohm	75 / 75	75 / 75	75 / 75	75 / 75	75 / 75