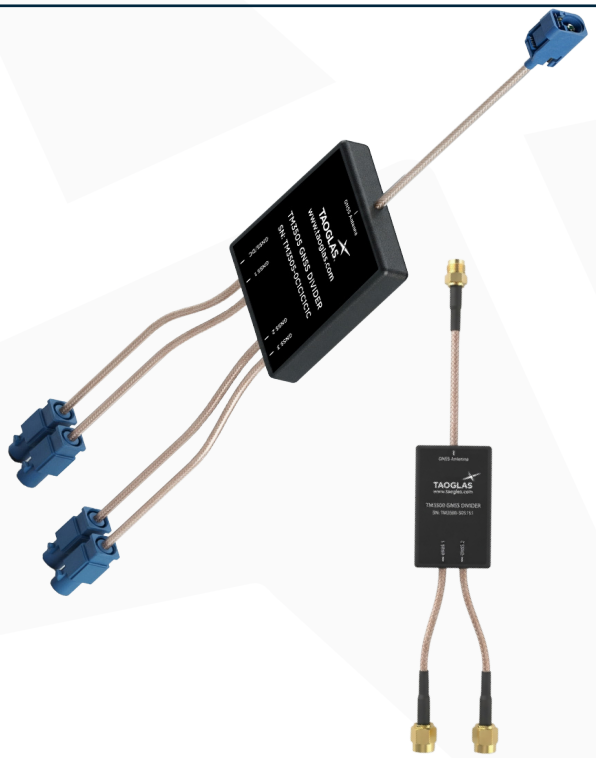
TM350x GNSS Divider Series

Simplify GNSS integration with the **TM350x GNSS Divider**, designed to connect **up to four GNSS receivers** to a single antenna without the complexity of active switching.

Ideal for vehicle installations, the TM350x enables OEM navigation systems and **GNSS-enabled radios** to operate simultaneously from **one GNSS antenna**, reducing installation complexity while maintaining factory functionality and preventing unwanted dashboard fault messages.

Supporting frequencies from **1176 MHz to 1620 MHz**, this passive divider offers reliable signal distribution and can be supplied with **custom terminations** to meet specific application requirements.



Key Benefits

- Connect up to four GNSS devices to a single antenna
- No switching circuitry required
- Retains OEM navigation functionality
- Helps prevent dashboard warning and error messages
- Supports 1176-1620 MHz GNSS bands
- Custom terminations available on request

Technical Specifications

Series No.	TM350x	
Band	**L1/L2/L5/L6/L-Band**	
Frequency Range (MHz)	1176 - 1620 MHz	
Input Power	0.5 W	
Insertion Loss	< 0.5 dB*	
Port Isolation	> 20 dB	
VSWR	< 1.2:1	
Impedance	50 ohms	
DC Input	DC fed from independently fed from both ports	
Connector Types	FAKRA Blue, SMA**	
Weight	TM3500/3501: **22 g**	TM3504/3505: **44 g**
Dimensions	TM3500/3501: **47.5 x 30 x 10.1 mm**	TM3504/3505: **66.1 x 60.4 x 10.1 mm**
Cables	TM3500/3501: **86.5 mm**	TM3504/3505: **124.7 mm**
Temperature Range	-20 to +60 °C	

Subject to change. *Excluding combining losses **Custom Connection Configurations available.

Variations Available
1 to 2 GNSS Divider with FAKRA connectors (1x Female, 2x Male) - TM3500-0C1C1C
1 to 2 GNSS Divider with FAKRA connectors (1x Male, 2x Female) - TM3500-1C0C0C
1 to 2 GNSS Divider with SMA connectors (1x Female, 2x Male) - TM3500-S0S1S1
3 Way DC Blocked GNSS Divider with FAKRA connectors (1x Female, 2x Male) - TM3501-0C1C1C
3 Way DC Blocked GNSS Divider with SMA connectors (1x Female, 2x Male) - TM3501-S0S1S1
1 to 4 GNSS Divider with FAKRA connectors (1x Female, 4x Male) - TM3504-0C1C1C1C1C
1 to 4 GNSS Divider with SMA connectors (1x Female, 4x Male) - TM3504-S0S1S1S1S1
1 to 4 GNSS OEM Divider with FAKRA connectors (1x Female, 4x Male) - TM3505-0C1C1C1C1C
1 to 4 GNSS OEM Divider with SMA connectors (1x Female, 4x Male) - TM3505-S0S1S1S1S1S1

Together, there's nothing we can't build