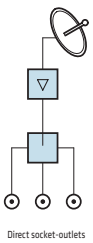
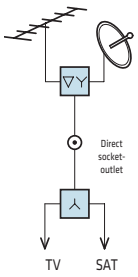
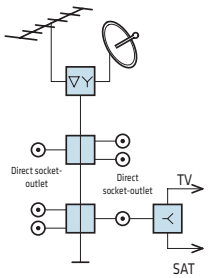
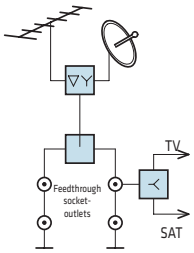
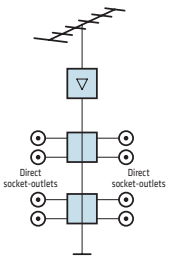
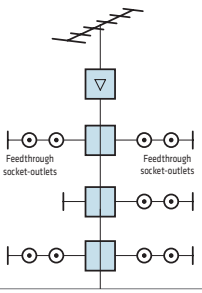
SIGNAL

TV-SAT socket-outlets

The development of television transmission systems and of services intended for the user has raised the performance and quality level required for signal distribution systems.
The EN 60728 standards (systems for distribution of television and sound signals via cable) define the present and future European Standard and establish the requisites that the various parts of the system (including the terminal socket-outlets) must meet.
Thanks to their high performance level, these new socket-outlets provide optimal distribution of the signals (both digital and analogue), as required by the various providers for accessing current and future services.

	CHARACTERISTICS	ADVANTAGES
	• Shielding efficiency (in compliance with standard EN 60728-4.	• The socket-outlets are in a metal shell and are unaffected by the electromagnetic emissions (EMC) present in the environment.
	• Impedance adaptation. • An innovative system for the quick, safe connection of the coaxial cable.	• Undesired signal reflections are avoided. • Maintains the co-axiality of the cable in the connection point.
	• A range featuring two types:user ports with F connector (type EN 60169-24) and with male IEC connector Ø 9.5mm (in compliance with HD 134.2 S2).	• Maximum application flexibility with single or centralised systems (new / restored / pre-arrangements for future extensions). • In satellite reception, due to the frequency range, it is very important to maintain the co-axiality of the connection, which is a requirement fully met by the innovative connection and the use of the F connector.

APPLICATIONS	TV		SAT	TV-SAT		
	Centralised system with star distribution	Centralised system with cascade distribution	SAT system for single service	Combined TV-SAT system for single service	Combined TV-SAT centralised system with star distribution	Combined TV-SAT centralised system with feedthrough socket-outlets
 System: GW 20 391, GW 20 396, GW 20 392, GW 20 393 GW 21 391, GW 21 396, GW 21 392, GW 21 393 Playbus: GW 30 311, GW 30 316, GW 30 312						
 System: GW 20 381, GW 20 386, GW 20 382, GW 20 383 System: GW 21 381, GW 21 386, GW 21 382, GW 21 383 Playbus: GW 30 301, GW 30 306, GW 30 302						

Reference standards: EN 50083-1; EN 50083-2; EN 50083-4

Resistance of terminal closure: 75 ohm

GW 20 277

TECHNICAL DATA	
Frequency field	From 5 to 2400 MHz
Diameter of the coaxial cable	From Ø 5 to Ø 7mm
Return channel	From 5 to 40 MHz
Shielding	Class A
Chrominance/luminance delay difference	< 1 ns. for all models
TV port	male IEC coaxial connector Ø 9.5mm
SAT port	F (female) coaxial connector

For technical information contact the Technical Assistance Service or visit gewiss.com