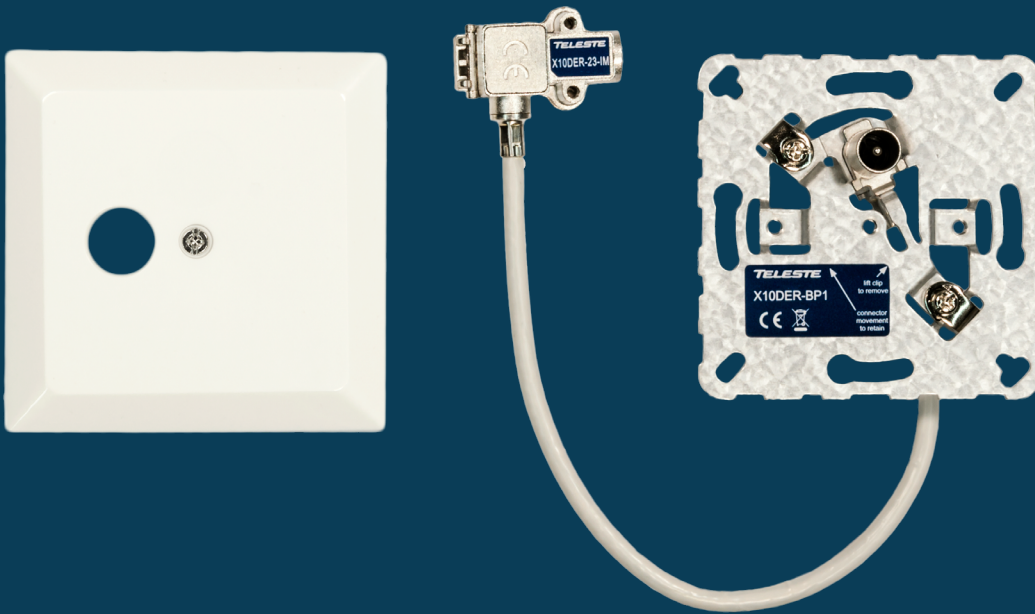


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Indoor RF passives

Next Generation Wall Outlets **XTENDER-series**

The XTENDER-series utilizes a unique cable clamp mechanism to easily allow existing installed short cables to be extended and made into a wall outlet. The range consists of cable clamps fitted with different connectors on varying lengths of cable as required, along with mounting frames and covers.

GENERAL SPECIFICATIONS	
Frequency range	5 – 2000 MHz
Nominal impedance	75 Ohm
Connectors:	
Input	Cable Clamp
Output	
X10DER	Cable
X10DER-IM	IEC male
X10DER-FF	F-female
Operating temperature range	0 – 55 °C
Dimensions	34 x 22 x 15 mm

XTENDER-series features

- Frequency range 5-2000 MHz
- Class A+ screening effectiveness
- Semi Isolated System Outlet according to Cenelec EN60728-11
- Outstanding RF performance
- Zinc die cast, White Bronze plated housing/contact

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INDOOR RF PASSIVES / XTENDER-SERIES

ELECTRICAL SPECIFICATIONS			
Frequency (MHz)	Min.	Typ.	Max.
INSERTION LOSS (dB) - IN to OUT			
5 - 470		0.2	0.4
470 - 1006		0.3	0.6
1006 - 1218		0.5	0.7
1218 - 1794		0.6	0.8
1794 - 2000		0.7	1.0
RETURN LOSS (dB) – INPUT & OUTPUT			
5 - 15	18.0		
15 - 1218	22.0 (1)		
1218 - 1794	15.0		
1794 - 2000	13.0		
GENERAL SPECIFICATIONS			
Electromagnetic compatibility (2) (dB, Min.)			
5 - 300		95.0	
300 - 470		90.0	
470 - 950		85.0	
950 - 1218		75.0	
1218 - 2000		75.0	
Intermodulation f1 + f2 (dBc, Min.)		125.0 (3)	125.0 (4)
Safety Isolation		Inner conductor input to inner conductor output	
2120 VDC		≤ 0.7 mA, ≥ 1 minute (5)	
230 VAC RMS, 50/60 Hz		≤ 2.0 mA RMS (5)	
Surge immunity		1 kV, 1.2/50µS (6)	
Material/Plating		Housing/Clamp: Zinc die-cast / White Bronze Contact Spring: Beryllium Copper / White Bronze F-female Connector: Zinc die-cast / Beryllium Copper / White Bronze (7) IEC-male Connector: Zinc die-cast / Brass / White Bronze (7)	
Product approval		CE	
EMC compatibility		EN 60728-2	
Weight		0,030 kg (without connectors)	
NOTES:			
1. * F > 40 MHz -1.5 dB/oct			
2. Class A+, according to IEC 60728-2 2012, EMC (+10 dB added to Class A limit lines)			
3. Out of the box			
4. Two carriers (60 & 65 MHz), applied to (each)output port, @120dBµV. Measured after 1 pulse 1kV (1,2/50µS) applied to each connection. In accordance with IEC 60728-4			
5. According to IEC-60728-11 2007, Safety			
6. Surge voltage according to IEC 61000-4-5, EMC (class 2, level 2) applied between the inner and outer conductor of each connection			
7. Dimensions in accordance with IEC 61169-2 2007 / IEC 61169-24 2009			
ORDERING INFORMATION			
X10DER-30	Xtender with cable, L=30 cm		
X10DER-xx-IM	Xtender with IEC-male connector, xx= cable length in cm		
X10DER-xx-FF	Xtender with F-female connector, xx= cable length in cm		
X10DER-KT-01	Xtender with X10DER-23-IM (cable length 23 cm), X10DER-BP1 and X10DER-COVER		
X10DER-BP1	Push and Click Baseplate to support normal and retracted height of X10DER connector when inserted		
X10DER-C1	Plastic cover to fit over X10DER-BP1 - colour RAL 9010		
APF80C/N	Surface mount frame, colour RAL 9010, 80mm for APM outlets		



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TELESTE CORPORATION

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Xtender-series_171019

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