Easy Choice according to Interface / Signal

Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
AMPS, NADAC (824 – 894 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		BNC	1	d.c. – 1 GHz	1		**929 043**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
BWA (Broadband Wireless Acess)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	2,0 – 6.0 GHz	1		**929 059**	207
CATV (cable TV)		F connector	1	d.c., 5 – 2400 MHz	1		**909 705**	205
		IEC / F connector	1	d.c. – 2400 MHz	2		**909 300**	196
DCF 77		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		BNC	1	d.c. – 1 GHz	1		**929 043**	206
		Screw terminals	2	d.c. – 2.8 MHz	1		**920 242** [1]	150
		Screw terminals	2	d.c. – 2.8 MHz	2		**926 242** [1]	157
DCS 1800 B162 (1710 – 1880 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
GPS (1565 – 1585 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
GSM 900, GSMR (876 – 960 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		BNC	1	d.c. – 1 GHz	1		**929 043**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207

[1] with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
[2] with universal base part BXT BAS EX (Part No. 920 301) please refer to page 158

Easy Choice according to Interface / Signal

Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
LTE (698 – 2690 MHz)		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
PCS 1900 (1850 – 1990 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
Radio systems		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		BNC	1	d.c. – 1 GHz	1		**929 043**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	380 – 512 MHz	1		**929 047**	207
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207
		N connector	1	2.0 – 6.0 GHz	1		**929 059**	207
SAT		F connector	1	d.c., 5 – 2400 MHz	1		**909 705**	205
		F connector	1	d.c., 5 – 3000 MHz	3		**909 703**	205
		F connector	1	d.c. – 2400 MHz	1		**909 704**	205
Sky DSL		F connector	1	d.c., 5 – 2400 MHz	1		**909 705**	205
TETRA, NMT 450 (380 – 512 MHz)		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		BNC	1	d.c. – 1 GHz	1		**929 043**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	380 – 512 MHz	1		**929 047**	207
TV		F connector	1	d.c., 5 – 3000 MHz	3		**909 703**	205
		F connector	1	d.c. – 2400 MHz	1		**909 704**	205
		F connector	1	d.c., 5 – 2400 MHz	1		**909 705**	205
		IEC/F connector	1	d.c. – 2400 MHz	2		**909 300**	196
UMTS		SMA	1	d.c. – 5.8 GHz	2		**929 039**	206
		BNC	1	d.c. – 4 GHz	2		**929 042**	206
		N connector	1	d.c. – 5.8 GHz	2		**929 044**	206
		N connector	1	d.c. – 2.5 GHz	1		**929 045**	206
		7/16 connector	1	d.c., 690 MHz – 2.7 GHz	1		**929 146**	206
		7/16 connector	1	690 MHz – 2.7 GHz	1		**929 148**	207

[1] with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
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Easy Choice according to Interface / Signal

Antenna systems, broadband systems, transmitting and receiving systems, video systems

Interface / Signal	For mounting on	Connection system	Protected lines	Frequency range	SPD class TYPE	SPD	Part No.	Page
Video (two-wire)		Screw terminals	4	d.c. – 100 MHz	1		920 371 [1]	149
		Screw terminals	2	d.c. – 100 MHz	1		920 271 [1]	151
		Screw terminals	4	d.c. – 100 MHz	2		926 371 [1]	157
		Screw terminals	2	d.c. – 100 MHz	2		926 271 [1]	157
		RJ45	4 x 2	d.c. – 250 MHz	2		929 100	191
		RJ45	4 x 2	d.c. – 250 MHz	2		929 121	192
		RJ45	4 x 2	d.c. – 250 MHz	2		929 126	192
		Screw terminals	2	d.c. – 100 MHz	1		920 270 [1]	150
		Screw terminals	2	d.c. – 100 MHz	2		926 270 [1]	157
		RJ45	4		2		909 321	197
		LSA	20	d.c. – 90 MHz	1		907 401 + 907 465 + 907 498	177 179
Video digital (IP camera)		RJ45	4 x 2	d.c. – 250 MHz	2		929 100	191
		RJ45	4 x 2	d.c. – 250 MHz	2		929 121	192
		RJ45	4 x 2	d.c. – 250 MHz	2		929 126	192
Video analogue (coax)		BNC	1	d.c. – 300 MHz	2		929 010	204
		BNC	1	0 – 300 MHz	2		909 710 / 711	204
		BNC		d.c. – 100 MHz	2		928 440	170
WiMax		N connector	1	2.0 – 6.0 GHz	1		929 059	207
WLAN (2.4 GHz band)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		BNC	1	d.c. – 4 GHz	2		929 042	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
WLAN (5 GHz band)		SMA	1	d.c. – 5.8 GHz	2		929 039	206
		N connector	1	d.c. – 5.8 GHz	2		929 044	206
		N connector	1	2.0 – 6.0 GHz	1		929 059	207

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- **Automatically detects the operating voltage**
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⇒ The nominal current of the SPD is limited to 100 mA, allowing the device to be used in the vast majority of information technology systems. In some applications where the signal line is also used for power supply the current may exceed 100 mA.

⇒ All signals are transmitted with signal frequencies up to 50 MHz.

⇒ In bus systems the SPD can be used for applications based on RS485 / RS422 interfaces (not RS232).

For more detailed information, please refer to page 153 (BXTU) and page 199 (DBX).

[1] with universal base part BXT BAS (Part No. 920 300) or BSP BAS 4 (Part No. 926 304) please refer to page 146
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