

# Modules and monoblocks for Han-Eco® Modular



Han Eco

Han® RJ45 modules	Han® RJ45 module	for patch cable	for IDC	for patch cable	for IDC and preLink
	- 8 contacts - Cat. 6 <sub>A</sub> - 10 Gbit/s				
	Part numbers	Male module (M) 09 14 001 4623	Male module (M) 09 14 001 4623	Female module (F) 09 14 001 4721	Female module (F) 09 14 001 4722
		Adapter for patch cables: 09 14 000 9966	RJ Industrial IDC: 09 45 400 1560	-	RJ45 female IDC: 09 14 545 1561
Patch cable cat. 6: 09 47 474 71xx		-	-	RJ45 female preLink: 09 14 008 4720	
Han-Quintax® modules		Han-Quintax®	Han® High Density Quintax	Han D® Coax	Han E® Coax
	Quintax module				
	Number of contacts	2 x 4*	2 x 8*	2 x Coax*	2 x Coax*
	Male module (M)	09 14 002 3001	09 14 002 3001	09 14 002 3001	09 14 002 3001
	Female module (F)	09 14 002 3101	09 14 002 3101	09 14 002 3101	09 14 002 3101
	Insert (Cable Ø ≤ 9.5 mm)				
	Data rate	100 Mbit/s (Cat. 5e)	100 Mbit/s (Cat. 5e)	≤ 500 Mhz / 75 Ω	≤ 500 Mhz / 50 Ω
	Electrical data	10 A / 50 V	5 A / 50 V	10 A / 50 V	16 A / 50 V
	Cross-section	0.14 ... 2.5 mm <sup>2</sup>	0.09 ... 0.52 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 4 mm <sup>2</sup>
	Termination type	Crimp termination, Han D®		Crimp termination, Han D®	Crimp termination, Han E®
Male insert (M)	09 15 004 3013	09 15 008 3013	09 15 001 3013	09 15 001 3023	
Female insert (F)	09 15 004 3113	09 15 008 3113	09 15 001 3113	09 15 001 3123	
PE shielding termination	Optional shielding termination to the hinged frame with the aid of Han-Quintax® metal adapter 09 14 000 9915				
Han® GigaBit – Han® MegaBit modules		Han® GigaBit module	Han® MegaBit module	Han® MegaBit module	Han® Shielded module
	Adapter Modul				
	Male module (M)	09 14 001 3011	09 14 001 3011	09 14 001 3011	09 14 001 3011
	Female module (F)	09 14 001 3111	09 14 001 3111	09 14 001 3111	09 14 001 3111
	Insert (Cable Ø ≤ 14 mm)				
	Number of contacts	8	2 x 4	8	20
	Data rate	10 Gbit/s (Cat. 6 <sub>A</sub> )	2 x 100 Mbit/s (Cat. 5e)	1 Gbit/s (Cat. 5e)	
	Electrical data	5 A / 50 V	10 A / 50 V	10 A / 50 V	4 A / 32 V
	Cross-section	0.09 ... 0.52 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.14 ... 2.5 mm <sup>2</sup>	0.09 ... 0.52 mm <sup>2</sup>
	Termination type	Crimp termination, D-Sub	Crimp termination, Han D®	Crimp termination, Han D®	Crimp termination, D-Sub
Shielding termination	Crimp flange	2 x crimp flange	Crimp flange	Crimp flange	
Male insert (M)	09 14 008 3011	09 14 008 3016	09 14 008 3021	09 14 020 3013	
Female insert (F)	09 14 008 3111	09 14 008 3116	09 14 008 3121	09 14 020 3113	
	with PE shielding termination	with PE shielding termination	with PE shielding termination	-	
Male insert (M)	09 14 008 3012	09 14 008 3017	09 14 008 3022		
Female insert (F)	09 14 008 3112	09 14 008 3117	09 14 008 3122		
Serial Bus modules		Han D-Sub module	Han® USB module	Han® FireWire module	
	Number of contacts	9 + shielding	8	6	
	Datenrate	12 Mbit/s (Profibus)	5 Gbit/s (USB 3.0)	400 Mbit/s (IEEE 1394a)	
	Electrical data	5 A / 50 V	1 A / 50 V	1 A / 50 V	
	Cross-section	0.09 ... 0.52 mm <sup>2</sup>			
Termination type	Crimp termination, D-Sub	USB patch cable	FireWire patch cable		
Male module (M)	09 14 009 3001	09 14 001 4601	09 14 001 4611		
Female module (F)	09 14 009 3101	09 14 001 4703	09 14 001 4711		

\* Double module, requires two places in the frame

For more technical details see chapter Han 06

Removal tools 09 99 000 0331, 09 99 000 0828 and 09 99 000 0842 see chapter Han 90

\* Take care of the wiring space! Choose inner positions.