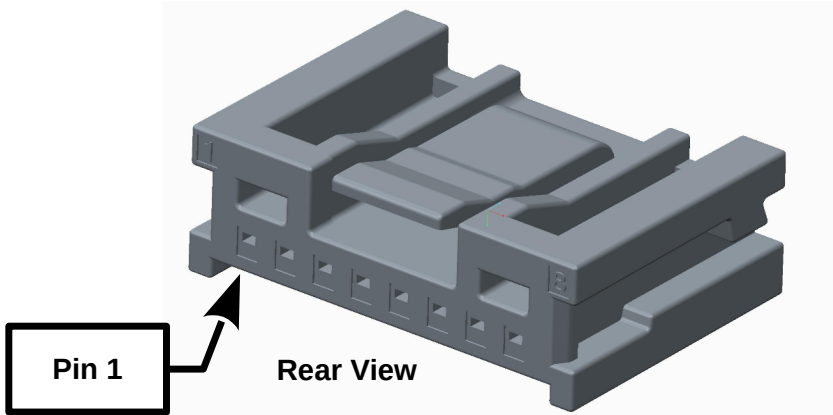


## 100BASE-T1 Media Converter – Connector and Cable Specification

Main Connector					
	Description	Vendor	Part Number	Distributor	Distributor Number
<b>Connector</b>	MINI50 8Pos Receptacle	Molex	347910080	Digi-Key	WM9306-ND
<b>Terminals</b>	CTX50 Terminal L-Grip 22 AWG	Molex	5600230448	Digi-Key	WM16315CT-ND
	CTX50 Terminal M-Grip 24 AWG	Molex	5600230421	Digi-Key	WM8745CT-ND
	CTX50 Terminal S-Grip 26-30 AWG	Molex	5600230422	Digi-Key	WM8746CT-ND

Recommended Cables						
	Description	Vendor	Part Number	Structure	Remark	Jacket
<b>100BASE-T1</b>	Dacar 547	Leoni	76D00307	2x0,13mm2	Cu, unshielded, AWG26	yes
	Dacar 624	Leoni	76D00069	2x0,35mm2	Cu, unshielded, AWG22	no
	Dacar 617	Leoni	76D00105	2x0,17mm2	Cu, unshielded, AWG25	no
	Dacar 618	Leoni	76D00113	2x0,17mm2	Cu, unshielded, AWG25	yes
<b>Power Supply</b>	FLRY 2x0,35-B RD/BL	Leoni		2x0,35mm2	Cu, unshielded, AWG22	no
	FLRY-B 1x0,35 RD	Leoni		1x0,35mm2	Cu, unshielded, AWG22	no
	FLRY-B 1x0,35 BL	Leoni		1x0,35mm2	Cu, unshielded, AWG22	no



Pin Assignment		
Pin	Signal	Remark
1	Power	5V-28V
2	Ground	
3		
4		
5	Data P	
6	Data N	
7		
8	Shield	