









Ethernet cables acronyms naming: **F / FTP**

Overall cable shield / Twisted pair shield Twisted pairs

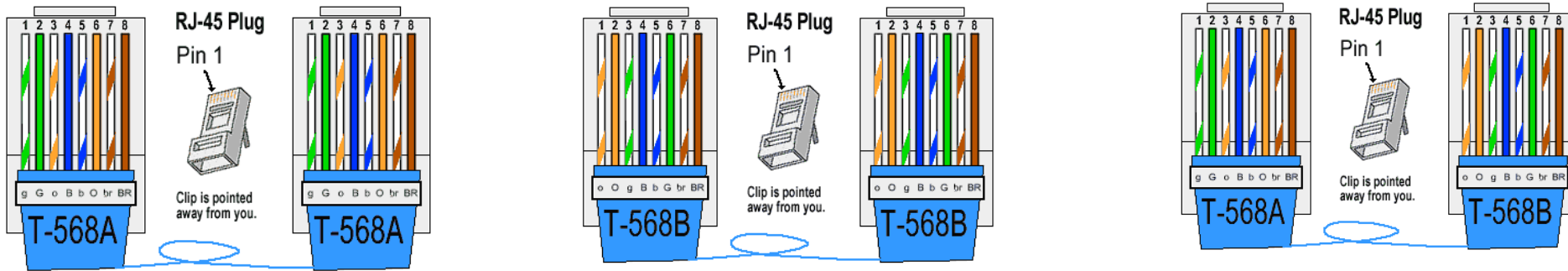
U = Unshielded F = Foil shielding S = Braid shielding TP = Twisted pairs

Common Industry Acronyms	ISO/IEC11801 Name	Cable Shielding Type	Twisted Pair Shielding Type	Example
UTP	U/UTP	None	None	
FTP, STP, ScTP	F/UTP	Foil	None	
STP, ScTP	S/UTP	Braiding	None	
SFTP, S-FTP, STP	SF/UTP	Braiding & foil	None	
STP, ScTP, PiMF	U/FTP	None	Foil	
FFTP	F/FTP	Foil	Foil	
SSTP, SFTP, STP, PiMF	S/FTP	Braiding	Foil	
SSTP, SFTP	SF/FTP	Braiding & foil	Foil	

T-568A Straight-Through Ethernet Cable

T-568B Straight-Through Ethernet Cable

RJ-45 Crossover Ethernet Cable



The two wiring schemes of straight through connections (T-568A and T-568B) are identical in regards to performance.

Cable	Scheme	Max. l (m)	Mb /s		Gb /s		PoE	MHz
			10	100	1	10		
Cat-5		100	✓	✓			✓	100
Cat-5e	F/UTP - U/UTP	Straight-through	100	✓	✓	✓	✓	100
Cat-6	F/UTP - U/UTP	Straight-through	100 (55 para 10 Gb/s)	✓	✓	✓	✓	250
Cat-6a	U/UTP - U/FTP	Straight-through	100	✓	✓	✓	✓	500