

## Industrial Ethernet Cable Selection Guide

Part No.	No. of Pairs	No. of Conductors	Shielding		Conductor		Installation			Environmental Issues										Bonded Pair	Armor	Industrial Grade Jacket	T568A Plug	T568B Plug	Page No.
			Unshielded	Shielded <sub>s</sub>	Solid	Stranded 55	Installation Stress Resistance††	Pull Tension	Oil Resistance	UV Sunlight Resistance	Weld-Splatter Resistance	CMX/Outdoor	Underground (burial)	Gasoline Resistance	LSZH	P-MSHA*	Hi/Lo Temp	600V UL-AWM Rated							
<b>Category 6 Cable</b>																									
7927A	4		•		•		•	45	•	•								•		Heavy	R301603	R301604	4		
7940A Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Heavy	R301603	R301604	4		
7931A	4		•		•		•	40	•	•				•				•		Heavy	R301603	R301604	4		
7953A Ethern <sup>et</sup> /IP	4		•	•	•		•	40	•	•		•			•			•		Upjacket	R301603	R301604	5		
11872A	4		•		•		•	45										•		Upjacket	R301603	R301604	5		
121872A	4		•		•		•	200		•								•	•	Armored	R301603	R301604	5		
<b>Category 5e Cable</b>																									
7932A Ethern <sup>et</sup> /IP	2		•		•		•	20	•	•								•		Heavy	R301603	R301604	6		
7933A Ethern <sup>et</sup> /IP	2			•	•		•	20	•	•								•		Heavy	R301603	R301604	6		
7918A	4		•		•		•	35	•	•		•						•		Heavy	R301603	R301604	7		
7923A Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Heavy	R301603	R301604	7		
7919A	4		•		•		•	25	•	•		•						•		Heavy	R301603	R301604	8		
7929A	4		•		•		•	40	•	•		•						•		Heavy	R301601	R301602	8		
7922A PLTC	4		•		•		•	40	•	•		•						•		Heavy	R301601	R301602	7		
7903A PLTC Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Heavy	R301601	R301602	8		
7928A Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•				•				•		Heavy	None	None	7		
7930A	4		•		•		•	25	•	•		•						•		Heavy	R301603	R301604	7		
7924A	4		•		•		•	40	•	•		•						•		Heavy	R301603	R301604	7		
7921A Ethern <sup>et</sup> /IP	4		•		•		•	75	•	•		•						•		Heavy	R301601	R301602	8		
7939A	4		•		•		•	40	•	•		•						•		Heavy	R301601	R301602	9		
7905A	4		•		•		•	40	•	•	•							•		Heavy	R301603	R301604	7		
7934A Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Heavy	R301603	R301604	7		
7937A	4		•		•		•	40	•	•		•						•		Upjacket	R301603	R301604	8		
7935A Ethern <sup>et</sup> /IP	4		•		•		•	40		•				•				•		Heavy	R301603	R301604	7		
7936A	4		•		•		•	40		•				•				•		Heavy	R301603	R301604	8		
7957A Ethern <sup>et</sup> /IP	4		•		•		•	75	•	•		•						•		Heavy	R301601	R301602	8		
7958A Ethern <sup>et</sup> /IP	4		•		•		•	35	•	•		•						•		Heavy	R301601	R301602	8		
7938A High Flex	4		•		•		•	40	•	•	•							•		Upjacket	R301601	R301602	9		
11700A Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Upjacket	R301603	R301604	7		
11700A2 Oil Res I&II	4		•		•		•	40	•	•		•						•		Upjacket	R301603	R301604	7		
121700A	4		•		•		•	40	•	•		•						•	•	Armored	R301603	R301604	9		
121700R	4		•		•		•	40	•	•		•						•	•	Armored	R301603	R301604	9		
127903A PLTC Ethern <sup>et</sup> /IP	4		•		•		•	40	•	•		•						•		Armored	601	602	6		
<b>Category 5e Cables/PROFINET</b>																									
7960A Type A PROFINET		4	•		•		•	55	•	•		•								Heavy	R301601	R301602	10		
7961A Type B PROFINET		4	•		•		•	55	•	•		•								Heavy	R301601	R301602	10		
7962A Type C PROFINET		4	•		•		•	55	•	•	•	•								Heavy	R301601	R301602	10		

▲ Shielded products are recommended for high-noise environments.  
 ▲▲ Stranded products are recommended where more flexibility is needed.  
 †† Products with Bonded-Pair technology provide Installable Performance® advantages  
 \* Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification