

# CONNECTORS OVERVIEW



REIMAGINING CONNECTIVITY  
TOGETHER

**fischer**<sup>®</sup>  
CONNECTORS

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	 <b>BRASS</b>	 <b>STAINLESS STEEL</b>	 <b>ALULITE</b>	 <b>PLASTIC</b>	 <b>DISPOSABLE</b>	 <b>BROADCAST<sup>1)</sup></b>	 <b>ULTIMATE</b>	 <b>FIBEROPTIC</b>	 <b>MINIMAX</b>	 <b>FREEDOM</b>
	ANY SIZE ANY CONFIGURATION ANY APPLICATION	HIGH CORROSION RESISTANCE EASY DECONTAMINATION EASY HANDLING	ULTRALIGHT RUGGED HIGHLY CONFIGURABLE	EASY TO USE DURABLE LIGHTWEIGHT	COST-EFFECTIVE EASY TO USE MODULAR	THE BEST OF TRIAX RUGGED FOR OUTDOOR USE	RUGGED COMPACT LIGHTWEIGHT	ROBUST OPTICAL PERFORMANCE EASY CLEANING	HIGH-DENSITY MINIATURIZATION HIGH-SPEED DATA TRANSFER RELIABILITY	EASY MATING EASY CLEANING EASY INTEGRATION
<b>Locking</b>	Push-pull / Quick-release / Friction	Push-pull	Push-pull Quick-release	Push-pull	Friction	Push-pull	Push-pull Quick-release	Push-pull	Push-pull Screw-locking Quick-release	Quick-release
<b>Shell material</b>	Brass	Stainless Steel 316L	Aluminum	PEI (405) PBT (4032)	ABS	Brass	Brass Aluminum	Brass	Brass	Brass/Plastic Stainless Steel 316L
<b>Plating</b>	Chrome over Nickel	-	Chrome over Nickel Anodized	-	-	Chrome over Nickel	Anthracite Nickel	Chrome over Nickel	Anthracite Nickel Chrome over Nickel	Anthracite Nickel
<b>Plug Ø [mm]</b>	9-34	12-34	9-18	14.5-18.5	15.8/17.8	25.5	12-29	13/24	9.9 - 12.9	20.4/25.4
<b>Number of contacts</b>	1 to 55	1 to 55	2 to 27	2 to 27	6 to 19	3	2 to 42	1 to 4 fibers / Hybrid 2+2	4 to 24	4/7
<b>AWG</b>	AWG9-32	AWG9-32	AWG9-32	AWG9-32	AWG20-30	-	AWG9-32	AWG17 (hybrid)	AWG18-30	AWG24-28 (cabled plugs)
<b>Contact type</b>	Low voltage / High voltage / Coax / Triax / Hybrid	Low voltage / High vol- tage / Coax / Triax	Low voltage	Low voltage Hybrid	Low voltage	High voltage	Low voltage	Fiber optic / High voltage	Low voltage	Low voltage
<b>Test voltage DC [kV]</b>	Up to 50	Up to 50	Up to 4.8	Up to 4	Up to 2.7	Up to 1.7	Up to 3.7	Up to 2.8	Up to 2.4	Up to 1.2
<b>Current rating [A]</b>	Up to 60	Up to 60	Up to 30	Up to 30	Up to 3.0	Up to 14	Up to 26	Up to 10	Up to 10	Up to 5.0
<b>Sealing level</b>	IP68/69/Hermetic	IP68/69/Hermetic	IP68/69/Hermetic	IP67/IP68	IP30 - IP40	IP68	IP68/69 Hermetic	IP67/IP68	IP68	Metal IP68 Plastic IP67
<b>Mating cycles</b>	10,000	5,000	10,000	5,000	10	5,000	10,000	1,000	5,000	Metal 10,000 Plastic 5,000

<sup>1)</sup> Technical specifications only available in PDF format on [fischerconnectors.com](https://www.fischerconnectors.com)



For more information visit  
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