

**TOC Series Brass + Stainless Steel
for Copper + Fiber Optic**



Food Industry



Mining



Construction
Equipment



Offshore



Chemical and
Pharmaceutical
Industry

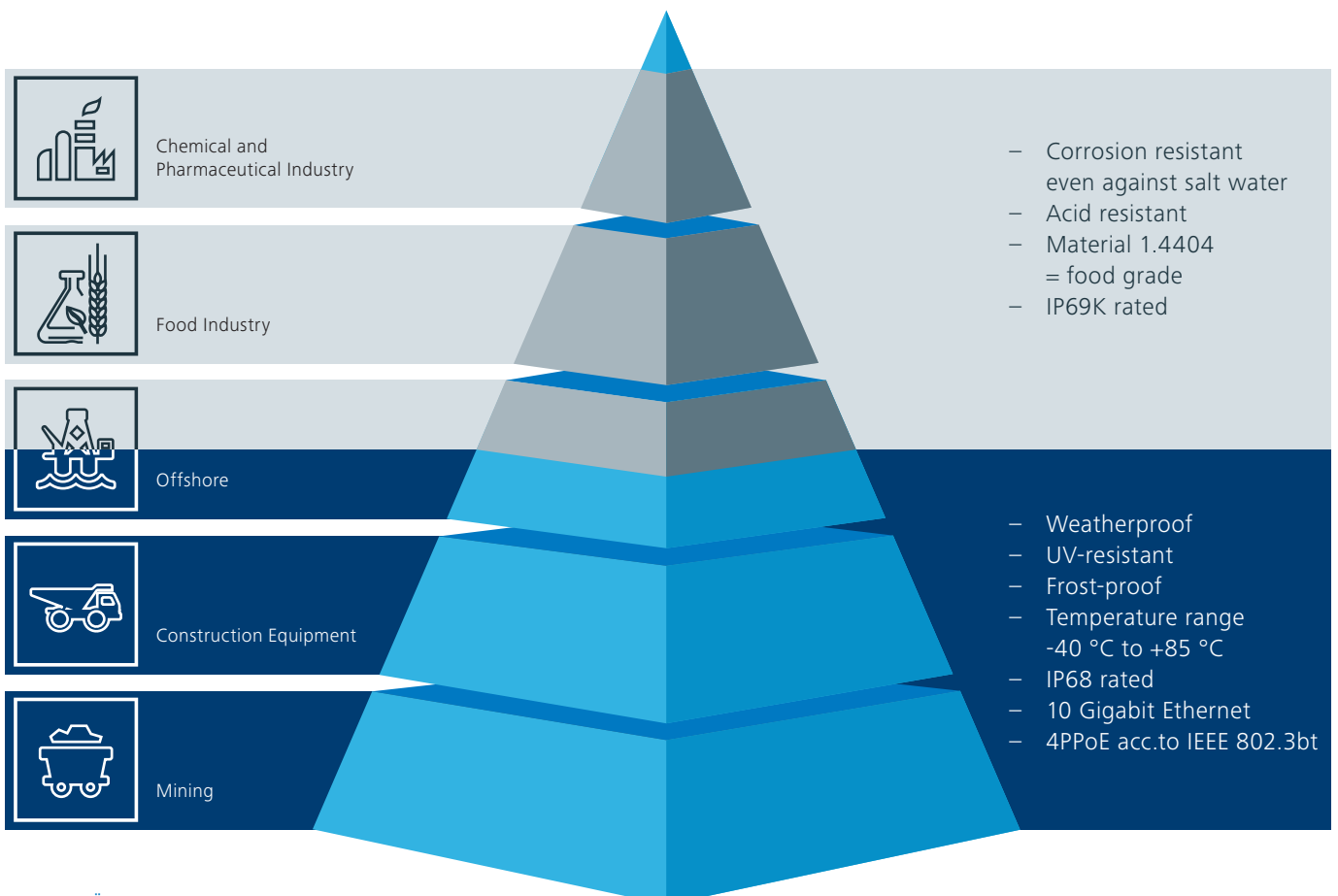
ROBUST.
STRAIGHTFORWARD.
NO COMPROMISES.

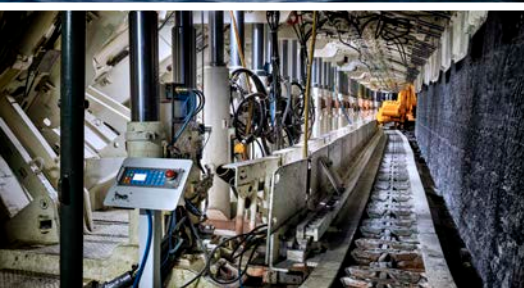
Telecommunications Outdoor Connectors (TOC) IP68 / IP69K

HIGHEST RELIABILITY

TOC stands for Telecommunications Outdoor Connectors. That means: When maximum reliability is important, even under extreme environmental conditions, users rely on TOC connectors by Telegärtner. With the handy, easy to install connectors, long-term reliable connections can be easily implemented, regardless of whether its copper or fiber optics cabling.

Whether in the classic version with nickel-plated brass or in stainless steel: TOC works where others have long had to give up. Without compromises.





SOLUTIONS FOR COMMUNICATION NETWORKS IN HARSH ENVIRONMENTS

For years, TOC connectors by Telegärtner have proven themselves in harsh environments. Ordinary IP67 rated industrial connectors offer protection against ingress of dust and moisture for indoor applications, but in outdoor applications there are additional, tougher conditions ordinary industrial connectors cannot support. Outdoor connectors have to be

- weatherproof
- frost-proof
- UV-resistant

And they have to be absolutely water-tight to withstand continuous rain and submersion in puddles or mud. These require an IP68 rating.

TOC doesn't promise, TOC delivers. The robust housing made of nickel-plated brass is tough yet easy to install – closing, sealing and locking with just one twist.



TOC stainless steel with MFP8 in use in tunnel construction.



Typical Applications for Stainless Steel TOC:

- Connection of outdoor access points or outdoor cameras
- Connection of machines and systems in harsh environments (e.g. controls in tunnel construction, mining or on heavy construction equipment)
- Connection of machines and systems with special hygienic requirements like in the food industry

The stainless steel TOC series takes connections to a new level. It offers all the benefits of the proven TOC connector series with nickel-plated brass housing and adds a lot more: The stainless steel housing (material quality 1.4404) is designed for extreme conditions. TOC stainless steel connectors are:

- free of dead space and easy to clean due to its smooth surface
- for areas with high hygienic and cleaning requirements
- acid-resistant
- corrosion resistant even against salt water
- lubricant free
- highly abrasion resistant
- free of welds
- IP69K rated
- field assembly with 100 screwing cycles

THE RIGHT COMBINATION FOR EVERY APPLICATION

Overview TOC Series RJ45 with nickel-plated brass housing



TOC Series RJ45

The TOC plug is supplied with our MFP8 RJ45 Cat.6_A plug and the TOC receptacle is supplied with our AMJ-S Cat.6_A Module or USB Keystone. Each are available as a set. They can be attached to solid or stranded conductor cables with an outer cable diameter up to 9.5 mm and can be completed on site without the need of special tools. For line extensions, the TOC Coupler IP68 is your first choice. It can be easily integrated with no negative effects on performance of the connection.

Overview TOC Series Fiber Optic with nickel-plated brass housing



TOC Series LC Duplex / MPO/MTP®

The TOC Series with LC Duplex resp. MPO/MTP® captivates due to its flexibility and ease of installation. Users can work with pre-terminated cables placed into TOC plug. By means of the elongated release latch, the plugs can be mated & unmated into SFP transceivers or adaptors effortlessly even in confined installation environments. In addition, the several installation positions of SFP transceivers no longer form a problem. For line extensions, the TOC Coupler IP68 is your first choice. It can be easily integrated with no negative effects on the performance of the connection.

Overview Stainless Steel TOC Series RJ45 and Fiber Optic






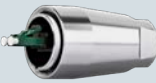




Stainless Steel TOC Series RJ45 and Fiber Optics



The stainless steel version offers the advantages of the TOC series RJ45 and the TOC series LC Duplex in an even more robust housing, which is suitable for special applications in the food and chemical industries.

ORDER INFORMATION

Stainless Steel

	Order no.		Description
	100007380	CU-CN TOC bhdset AMJ-S T568B C6A IP69K	TOC bulkhead set IP69K; AMJ-S module T568B Cat.6 _A ; stainless steel
	100007382	CU-CN TOC bhdset AMJ-K co C6A IP69K	TOC bulkhead set IP69K; AMJ coupler K T568B Cat.6 _A ; stainless steel
	100007386	CU-CN TOC bhdout AMJ-S T568B C6A IP69K	TOC bulkhead set IP69K; AMJ-S Module Cat.6 _A T568B, stainless steel
	100007388	CU-CN TOC plgset MFP8 T568B C6A IP69K	TOC plug set IP69K; MFP8 T568B Cat.6 _A ; stainless steel
	100007396	FO-C TOC plgset LCD MM IP69K	TOC plug set IP69K; LC Duplex Multimode, stainless steel
	100007397	FO-C TOC plgset LCD/APC SM IP69K	TOC plug set IP69K; LC Duplex/APC Singlemode, stainless steel
	100007405	FO-C TOC bhdset LCD co SM/MM IP69K	TOC bulkhead set IP69K; LC Duplex adaptor Multimode, stainless steel
	100007406	FO-C TOC bhdset LCD co APC SM IP69K	TOC bulkhead set IP69K; LC Duplex adaptor APC Singlemode, stainless steel

TOC Accessories







	100022747	CU-Acc TOC dustp flng IP69K	TOC bulkhead protection cap IP69K, stainless steel, with chain
	100022748	CU-Acc TOC dustp plg IP69K	TOC plug protection cap IP69K, stainless steel, with chain

ORDER INFORMATION





TOC Fiber Optics with nickel-plated Brass Housing

	Order no.		Description
	100007394	FO-C TOC plgset LCD MM IP68	TOC plug set IP68; LC Duplex Multimode, nickel-plated brass
	100007395	FO-C TOC plgset LCD/APC SM IP68	TOC plug set IP68; LC Duplex/APC Singlemode, nickel-plated brass
	100007402	FO-C TOC plgset LCD/PC SM IP68	TOC plug set IP68; LC Duplex Singlemode, nickel-plated brass
	100007403	FO-C TOC bhdset LCD co SM/MM IP68	TOC bulkhead set IP68; LC Duplex adaptor Multimode, nickel-plated brass
	100007404	FO-C TOC bhdset LCD co APC SM IP68	TOC bulkhead set IP68; LC Duplex adaptor APC Singlemode, nickel-plated brass
	100007407	FO-C TOC co LCD co SM/MM IP68	TOC Coupler IP68; LC Duplex adaptor Singlemode/Multimode, nickel-plated brass
	100007398	FO-C TOC plgset MPO MM m IP68	TOC plug set IP68; MPO/MTP® male, Multimode
	100007399	FO-C TOC plgset MPO/APC SM m IP68	TOC plug set IP68; MPO/MTP® male APC Singlemode
	100007400	FO-C TOC plgset MPO MM f IP68	TOC plug set IP68; MPO/MTP® female, Multimode
	100007401	FO-C TOC plgset MPO/APC SM f IP68	TOC plug set IP68; MPO/MTP® female, APC Singlemode
	100007409	FO-C TOC bhdset MPO co SM/MM IP68	TOC bulkhead set IP68; MPO/MTP® adaptor singlemode/multimode, brass nickel plated
	100007410	FO-C TOC co MPO co SM/MM IP68	TOC bulkhead set IP68; MPO/MTP® adaptor singlemode/multimode, brass nickel plated

TOC RJ45 with nickel-plated Brass Housing

	Order no.	Description	
	100007379	CU-CN TOC bhdset AMJ-S T568B C6A IP68	TOC bulkhead set IP68; AMJ-S module T568B Cat.6 _A ; nickel-plated brass
	100007381	CU-CN TOC bhdset AMJ-K co C6A IP68	TOC bulkhead set IP68; AMJ coupler K T568B Cat. 6 _A ; nickel-plated brass
	100007387	CU-CN TOC plgset MFP8 T568B C6A IP68	TOC plug set IP68 MFP8 T568B Cat.6 _A ; nickel-plated brass
	100007383	CU-CN TOC bhdset USB 3.0 K IP68	TOC bulkhead set IP68, USB-Keystone 3.0 (f-f) Type A, nickel-plated brass
	100007385	CU-CN TOC bhdout AMJ-S T568B C6A IP68	TOC bulkhead set IP68 incl. AMJ-S Module Cat.6 _A T568B, nickel-plated brass
	100007390	CU-CN TOC co AMJ-K co C6A IP68	TOC coupler IP68; AMJ Coupler K; nickel-plated brass

TOC Accessories

	Order no.	Description	
	100022656	CU-Acc TOC mb gauge 38mm TH35	TOC bracket, gauge 38 mm and TH35
	100022660	CU-Acc TOC mb gauge 37.5mm	TOC mounting bracket, track width 37.5 mm for sign holder
	100022745	CU-Acc TOC dustp flng IP68	TOC bulkhead protection cap IP68, nickel-plated, with chain
	100022746	CU-Acc TOC dustp plg IP68	TOC plug protection cap IP68, nickel-plated brass, with chain

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