

SINGLEMODE - MULTIMODE

MPO/MTP® – Trunkkabel – OS2

[MPO/MTP® – *trunk cable* – OS2]



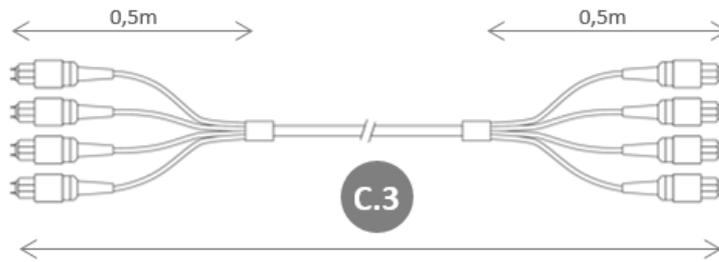
TKM bietet ein vollständiges Produktprogramm für alle MPO/MTP® Verbindungen an. Dabei sind alle Versionen von vorkonfektionierten Trunkkabeln, Patchkabeln, Breakout- und Fanoutverbindern, sowie die dazugehörige modulare Kassettentechnik für 19" Panel, vorhanden. TKM bietet hochwertige MPO Verbinder für Standardapplikationen an und für höchste Qualitätsanforderungen eine zusätzliche Produktreihe mit MTP® Verbindern.

*[TKM provides a complete product range for the entire MPO/MTP® network connectivity. All versions of pre-terminated **trunk cables**, **patch cords**, **breakouts** and **fanouts** as well as a product range with **modular cassettes** for 19inch panel are available. TKM provides high grade MPO products for standard applications and to fulfil the highest quality requirements an additional MTP® range is offered.]*

Technische Daten - Trunkkabel [technical data - trunk cable]

Spezifikation: Kabel [specification: cable]																				
Fasertypen [fibre types]																				
	<table border="1"> <tr> <td>OS2</td> <td>E9/125</td> <td rowspan="3">G657A</td> <td>IEC-60793-2-10</td> </tr> <tr> <td>OM3</td> <td>G50/125</td> <td>IEC-60793-2-50</td> </tr> <tr> <td>OM4</td> <td>G50/125</td> <td></td> </tr> </table>	OS2	E9/125	G657A	IEC-60793-2-10	OM3	G50/125	IEC-60793-2-50	OM4	G50/125										
OS2	E9/125	G657A	IEC-60793-2-10																	
OM3	G50/125		IEC-60793-2-50																	
OM4	G50/125																			
Kabeldurchmesser [cable diameter]	Ø7,0mm																			
Kabelfarbe: [cable colour]																				
	<table border="1"> <tr> <td>OS2</td> <td>gelb [yellow]</td> </tr> <tr> <td>OM3</td> <td>aqua [aqua]</td> </tr> <tr> <td>OM4</td> <td>erikaviolett [heather violet]</td> </tr> </table>	OS2	gelb [yellow]	OM3	aqua [aqua]	OM4	erikaviolett [heather violet]													
OS2	gelb [yellow]																			
OM3	aqua [aqua]																			
OM4	erikaviolett [heather violet]																			
Brandeigenschaften [fire performance]																				
Flammwidrigkeit [fire retardant]	IEC 60332-36																			
Rauchdichte [smoke density]	IEC 61034																			
Azidität der Brandgase [Acidity of the combustion gases]	IEC 60754																			
Materialkonformität [material compliant to]	RoHS, REACH, non-halogen																			
Dämpfung [attenuation]																				
	<table border="1"> <tr> <td>OS2</td> <td>0,4 dB/km</td> </tr> <tr> <td>OM3</td> <td>3,0 dB/km</td> </tr> <tr> <td>OM4</td> <td>3,0 dB/km</td> </tr> </table>	OS2	0,4 dB/km	OM3	3,0 dB/km	OM4	3,0 dB/km													
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Spezifikationen: Stecker [specification: connector]																				
Steckertyp [connector types]	MPO/MTP®																			
Steckermarken [connector brands]																				
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MPO	z.B. Senko u.a. [e.g. Senko and others]																			
Gender [gender]	male (pinned) female (unpinned)																			
Dämpfung [attenuation]																				
	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">MTP®</th> <th colspan="2">MPO</th> </tr> <tr> <th>Singlemode</th> <th>Multimode</th> <th>Singlemode</th> <th>Multimode</th> </tr> </thead> <tbody> <tr> <td>Insertion Loss [IL]</td> <td>≤ 0,70 dB</td> <td>≤ 0,35 dB</td> <td>≤ 0,7 dB</td> <td>≤ 0,6 dB</td> </tr> <tr> <td>Return Loss [RL]</td> <td>≥ 25 dB (APC >50 dB)</td> <td>≥ 35 dB</td> <td>≥25 dB (APC ≥ 50 dB)</td> <td>≥ 25 dB</td> </tr> </tbody> </table>		MTP®		MPO		Singlemode	Multimode	Singlemode	Multimode	Insertion Loss [IL]	≤ 0,70 dB	≤ 0,35 dB	≤ 0,7 dB	≤ 0,6 dB	Return Loss [RL]	≥ 25 dB (APC >50 dB)	≥ 35 dB	≥25 dB (APC ≥ 50 dB)	≥ 25 dB
	MTP®		MPO																	
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Norm Steckverbinder [norm of connector]																				
gemäß [compliant to]	IEC 61754-7 – „Grade B“																			
Polarität [polarity]	A, B, C																			
weitere Normen [other standards]	TIA-604-5 – Fibre Optic Connector Intermateability Standard TIA/ EIA-568-C.3 – Optical Fibre Cabling Components																			

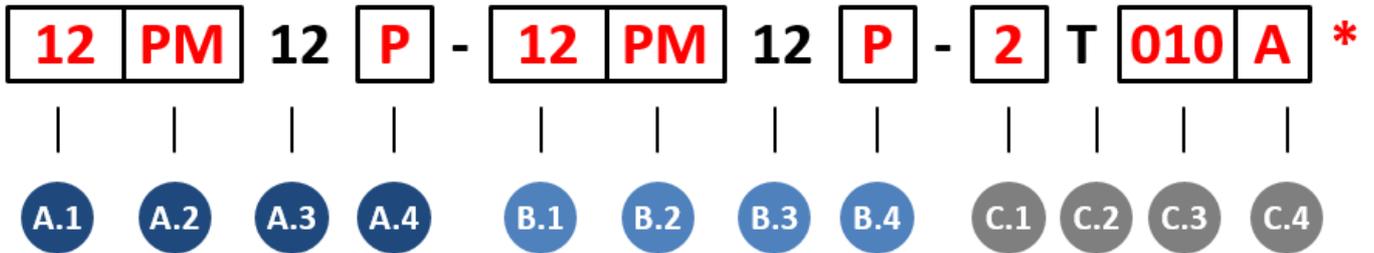
Bestellangaben [ordering information]



Side A

Side B

Connectivity



*exemplarisch
[exemplarily]

No.	Beschreibung	Variation
A.1	Anzahl Stecker Seite A [qty. of connectors side A]	02 - 12
A.2	Steckertyp Seite A [type of connector side A]	PF - MTP female PM - MTP male OF - MPO female OM - MPO male
A.3	Faseranzahl IM Stecker A [qty. of fibres IN connector A]	12 Auf Anfrage: 24 [on request: 24]
A.4	Politur Seite A [polish side A]	A - APC U - UPC P - PC
B.1	Anzahl Stecker Seite B [qty. of connectors side B]	02 - 12
B.2	Steckertyp Seite B [type of connector side B]	PF - MTP female PM - MTP male OF - MPO female OM - MPO male
B.3	Faseranzahl IM Stecker B [Qty. of fibres IN connector B]	12 Auf Anfrage: 24 [on request: 24]
B.4	Politur Seite B [polish side B]	A - APC U - UPC P - PC
C.1	Fasertyp [type of fibre]	2 - OS2 3 - OM3 4 - OM4
C.2	Produkttyp [type of product]	T
C.3	Kabellänge [length of cable]	XXX Bsp.: 010 für 1,0m [e.g. 010 for 1.0m] Hinweis: wenn >99,9m dann Vierstellig angeben z.B. 1010 [note: if >99.9m indicateas four-digit e.g. 1010]
C.4	Polarität [polarity]	A - Type A B - Type B C - Type C
	*Bsp.:MTP® Trunkkabel - 12 x 12 MTPm PC / 12 x 12 MTPm PC - OS2 Länge: 1,0m Typ: A [e.g.: MTP® Trunk Cable - 12 x 12 MTPm PC / 12 x 12 MTPm PC - OS2 length: 1,0m Type: A]	