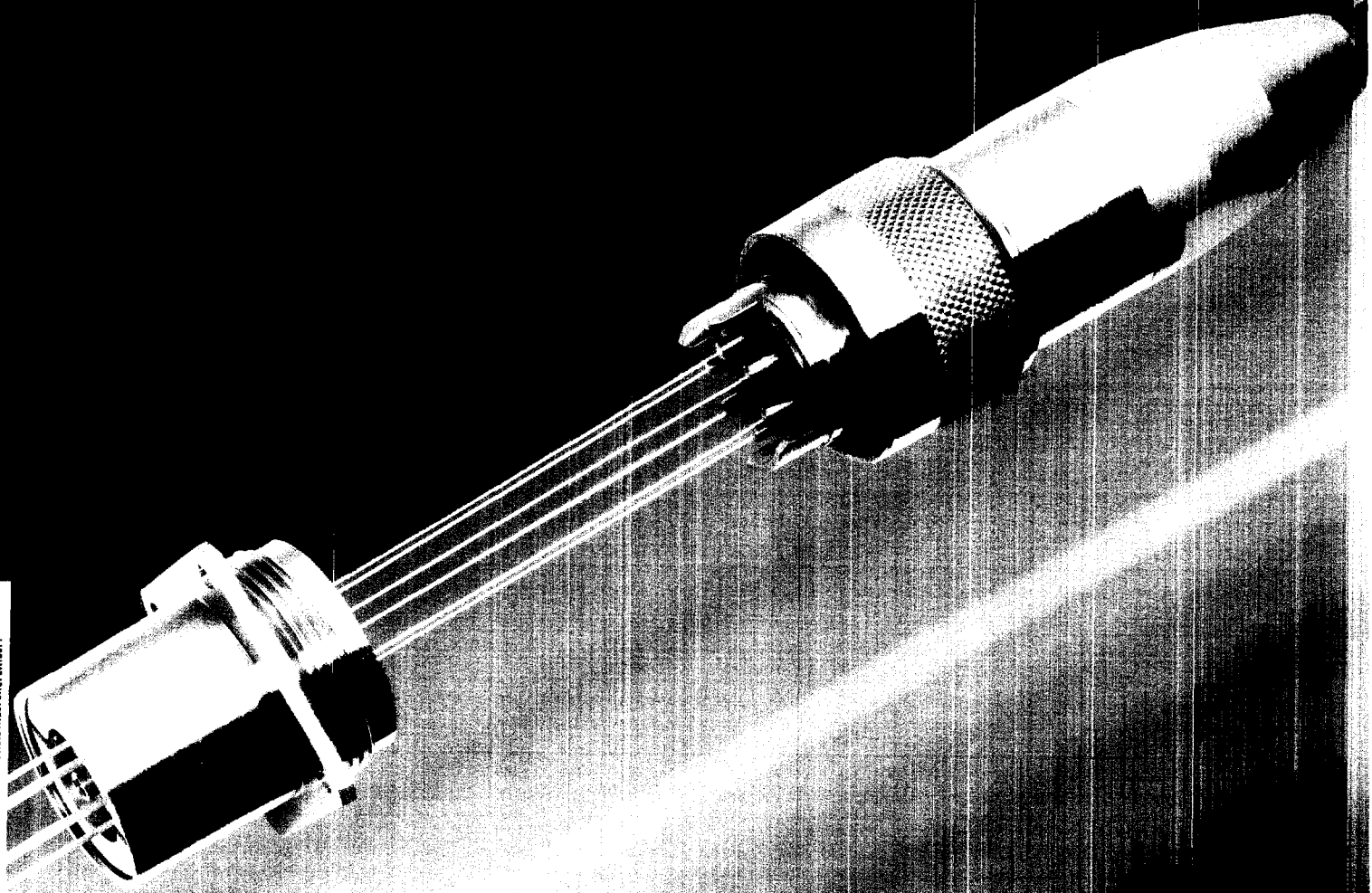


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OPTICAL CONNECTORS GUIDE

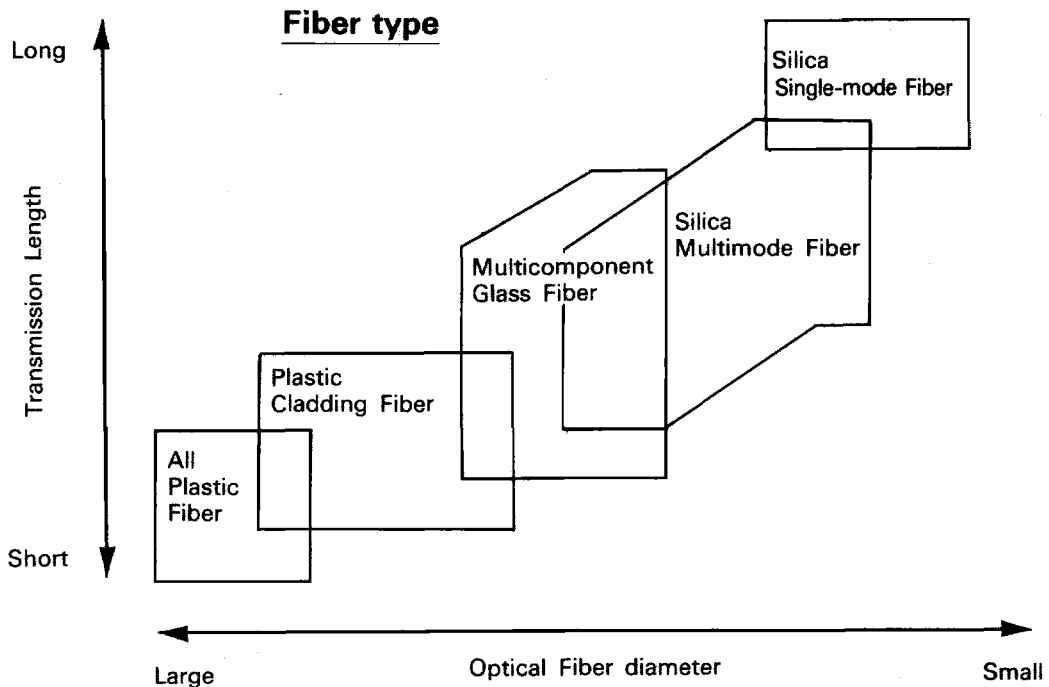


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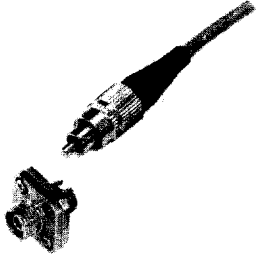
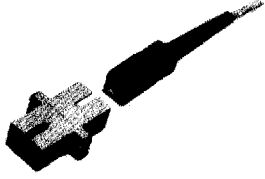
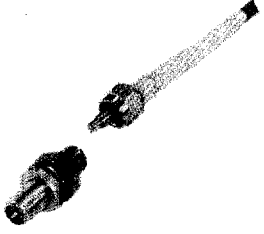
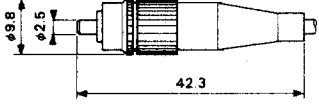
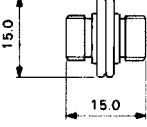

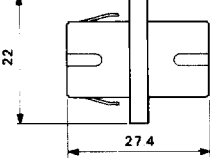
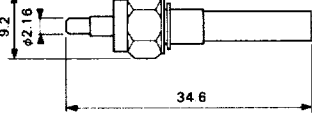

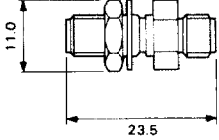
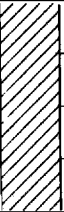


Application of DDK Optical Connectors

Applicable Optical Fiber		<div style="border: 1px solid black; padding: 2px; display: inline-block;">All Plastic Fiber</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Multicomponent Glass Fiber</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Silica Single-mode Fiber</div>	
Core/Clad (μm dia.)		980/1000 730/750	200/250 100/140	10/125	
		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Plastic Cladding Fiber</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Silica Multimode Fiber</div>		
		250/350 200/250 200/230	100/140 80/125 50/125		
Optical Fiber: Core (μm dia.)		980 ←-----→ 10			
Insertion Loss		High ←-----→ Low			
Connector mating style	Single-Channel	Screw	<div style="border: 1px solid black; padding: 5px; display: inline-block;">FCN/RTC Series</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">FCN Series</div>		
		Screw (SMA)	<div style="border: 1px solid black; padding: 5px; display: inline-block;">905D/RTC Series</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">905D/906D Series</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">905D Series</div>		
		Bayonet	<div style="border: 1px solid black; padding: 5px; display: inline-block;">MBO Series</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">SBC/FCB Series</div>		
		Push-on	<div style="border: 1px solid black; padding: 5px; display: inline-block;">SCD Series</div>		
	Multi-Channel	Screw	<div style="border: 1px solid black; padding: 5px; display: inline-block;">FSM Series</div>		
		Bayonet	<div style="border: 1px solid black; padding: 5px; display: inline-block;">BFO Series</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">FSB Series</div>		
		Push-on	<div style="border: 1px solid black; padding: 5px; display: inline-block;">FSS Series</div>		
		Others			

APF: All Plastic Fiber PCF: Plastic Cladding Fiber
 EP: Epoxyless and Polishless connectors





Channel		Single Channel		
Series		FCN	SCD	906D
				
Configuration (Unit : mm)		<p>Plug</p>  <p>Adaptor</p> 	<p>Plug</p>  <p>Adaptor</p> 	<p>Plug</p>  <p>Sleeve</p>  <p>Adaptor</p> 
Applicable Optical Fiber	Silica Single-mode Fiber			
	Silica Multimode Fiber			
	Multicomponent Glass Fiber			
	Plastic Cladding Fiber			
	All Plastic Fiber			
Insertion Loss (dB)		1.0dB max. (Single-mode) 0.6dB max. (Multimode)	0.4dB max. (Single-mode Physical Contact) 0.3dB max. (Multimode Physical Contact)	2.0dB max.
Coupling		Screw	Push-on	Screw
Catalog No.				
Features		<ul style="list-style-type: none"> ● FC type connector ● Intermateable with all FC type connectors ● Fiber: Multi and single mode fiber 	<ul style="list-style-type: none"> ● SC type connector ● Intermateable with all SC type connectors ● Fiber: Multi and single mode fiber 	<ul style="list-style-type: none"> ● SMA type connector ● Intermateable with all SMA (906) type connectors ● Fiber: Small core multi-mode fibers



Single Channel			
FCB	SBC	905D	
<p>Plug</p> <p>Adaptor</p>	<p>Plug</p> <p>Adaptor</p>	<p>Plug</p> <p>Adaptor</p>	<p>Plug</p> <p>Adaptor</p>
1.0dB max.	1.0dB max.	2.0dB max.	2.0dB max.
Bayonet	Bayonet	Screw	Screw
<ul style="list-style-type: none"> ● Small and light weight connector ● Fiber retention: 10kg min. 	<ul style="list-style-type: none"> ● Small and light weight connector 	<ul style="list-style-type: none"> ● SMA type connector ● Intermateable with all SMA (905) type connectors ● Fiber: Plastic and bundle fibers 	<ul style="list-style-type: none"> ● Epoxyless and Polishless design for field application ● Complete assembly in 4 minutes ● Intermateable with SMA type connectors ● Require only simple fiber forming tool (PAT. Pend.)

Multichannel	Others			
FSS	RTC-SB	RTC-LB	FOJ	FOS
<p>Plug</p> <p>Receptacle</p>			<p>(Series) 905D 906D FCN MBO BFO SCD FCB SBC FSM FSS</p>	<p>(Series) 905D FCN MBO SCD FCB SBC</p>
<p>1.5dB max. (Single-mode) 1.0dB max. (Multimode)</p>	<p>2.0dB max.</p>	<p>2.0dB max.</p>		
<p>Spring latch mating lock</p>	<p>Screw</p>	<p>Screw</p>		
<ul style="list-style-type: none"> ● Multichannel connector ● Optical and electrical connections ● Push-on lock ● No. of channel : 8 ● Wire size : AWG20 	<ul style="list-style-type: none"> ● Rotary connector ● Mating connector : FCN Series 	<ul style="list-style-type: none"> ● Rotary connector ● Mating connector : 905D Series 	<ul style="list-style-type: none"> ● Cord assembly 	<ul style="list-style-type: none"> ● LED and PD elements assembly

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