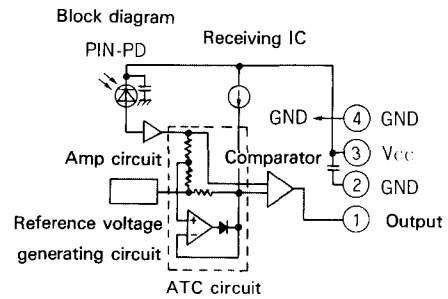
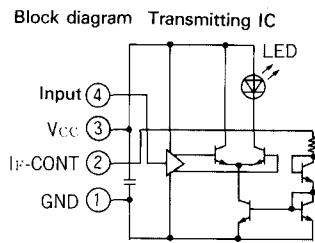
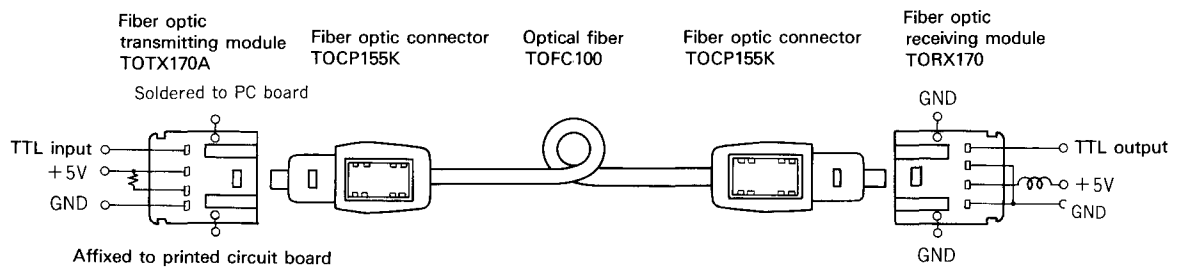


# Typical Application Example

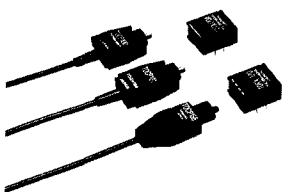
An application example using TOSLINK is described below. Block diagrams show the internal units of fiber optic transmitting and receiving modules.



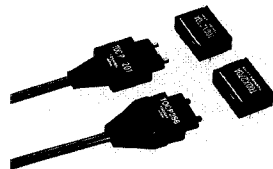
## Product Chart

Type No.	Item	Direction	Data rate	Transmission distance	I/O interface	Features
TOTX170A/TORX170		Simplex	DC~6Mb/s (NRZ)	40m (APF) 55m (PCF)	TTL	<ul style="list-style-type: none"> <li>● Compact (height: 8.5mm)</li> <li>● Single +5V power supply</li> <li>● Built-in transmitting or receiving circuits</li> </ul>
TODX270A		Duplex	DC~6Mb/s (NRZ)	40m (APF) 55m (PCF)	TTL	<ul style="list-style-type: none"> <li>● RS-232-C signals; conforms to JIS C6361</li> <li>● Standard 25-pin D-sub connector type</li> <li>● Multiplex function built in; total of 8 channels for signal transmission</li> </ul>
TOED120/TORX120		Simplex	DC~100Mb/s (NRZ)	500m (silica)	TTL/ECL	<ul style="list-style-type: none"> <li>● Compact type (height: 8.5mm)</li> <li>● Transmitting circuit and LED, receiving circuit and PD are built into the package</li> </ul>
Fiber optic modem TODX705/TODX706		Duplex	DC~64kb/s	1000m (PCF)	—	<ul style="list-style-type: none"> <li>● Compact type (height: 8.5mm)</li> <li>● Optimum for high-speed mid-range transmission</li> <li>● PD and Amp circuits are built into the fiber optic receiving module</li> </ul>

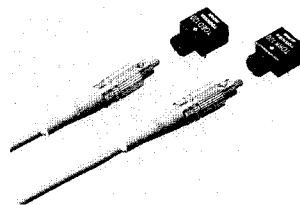
TOTX170A/TORX170



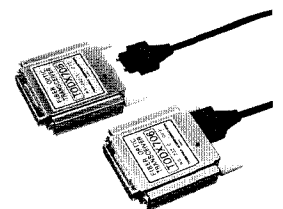
TODX270A



TOED120/TORX120



TODX705/TODX706



(Note) (1) APF=All plastic Fiber, PCF=Plastic Cladding Silica Fiber, Silica=Silica Fiber  
 (2) TOSLINK™ is a trademark of Toshiba Corporation.