

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

3M™ Epoxy Connectors

3M Epoxy Connectors feature a pre-radiused, zirconia ceramic PC ferrule designed to provide contact of fibers for low reflection and low insertion loss. The 3M epoxy SC and FC connectors are intermateable within NTT specifications. These connectors are built to exacting ferrule length tolerances for maximum machine polish yield and bulk packaged to maximize factory cable assembly efficiency. 3M Epoxy Connectors can also be used with an anaerobic adhesive for fast-cure interconnect applications.



3M™ Epoxy SC Connector

Features and Benefits

3M™ Epoxy SC, ST and FC Connectors	
Pre-radiused PC ferrule	Fiber centered in radius; improved performance; designed to provide contact of fibers; low reflection; consistent performance; excellent transmission performance
Pull-proof (independent) ferrule	Designed to maintain optical contact (FC, SC)
High strength thermoplastic housing	Virtually eliminates flaking; resists corrosion (FC, SC)

3M™ Epoxy Connector Specifications

	Multimode		Singlemode		
Connector Type	**SC**	**FC**	**SC**	**FC**	**SC & FC/APC**
Product Number	**6306**	**6202**	**8306**	**8203**	**8306 | 8206/APC**
Insertion loss (dB) Typical	0.2	0.2	0.2	0.2	0.2
Reflectance (dB) Typical	<-25	<-25	<-40	<-40	<-65
Operating temperature range	-10° to 60°C	-10° to 60°C	-40° to 75°C	-40° to 75°C	-40° to 75°C
Storage temperature	-40° to 85°C	-40° to 85°C	-40° to 85°C	-40° to 85°C	-40° to 85°C
Material					
Connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Connector housing and body	Engineered resin	Engineered resin	Engineered resin	Engineered resin	Engineered resin
Boot	Thermoplastic elastomer	Thermoplastic elastomer	Thermoplastic elastomer	Thermoplastic elastomer	Thermoplastic elastomer

See “Termination Kits” section for 3M Epoxy Connector termination tools.

3M Epoxy Connector Ordering Information

Product Number	Connector Type	Package	Min. Order	3M ID
6306-B	MM Epoxy SC Connector ceramic, black boot	1/bag, 60/carton	60 each	80-6109-9247-3
6306-BE	MM Epoxy SC Connector ceramic, beige boot	1/bag, 60/carton	60 each	80-6107-6501-0
6202	MM Epoxy FC/PC Connector ceramic	1/bag, 60/carton	60 each	80-6107-6540-8
8306	SM Epoxy SC Connector ceramic	1/bag, 60/carton	60 each	80-6107-6498-9
8306-SC/APC	SM Epoxy SC/APC Connector ceramic	1/bag, 60/carton	60 each	80-6111-6899-0
8203	SM Epoxy FC/PC Connector ceramic	1/bag, 60/carton	60 each	80-6107-6537-4
8206-FC/APC	SM Epoxy FC/APC Connector ceramic	1/bag, 60/carton	60 each	80-6111-6900-6

Note: MM - Multimode; SM - Singlemode

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP