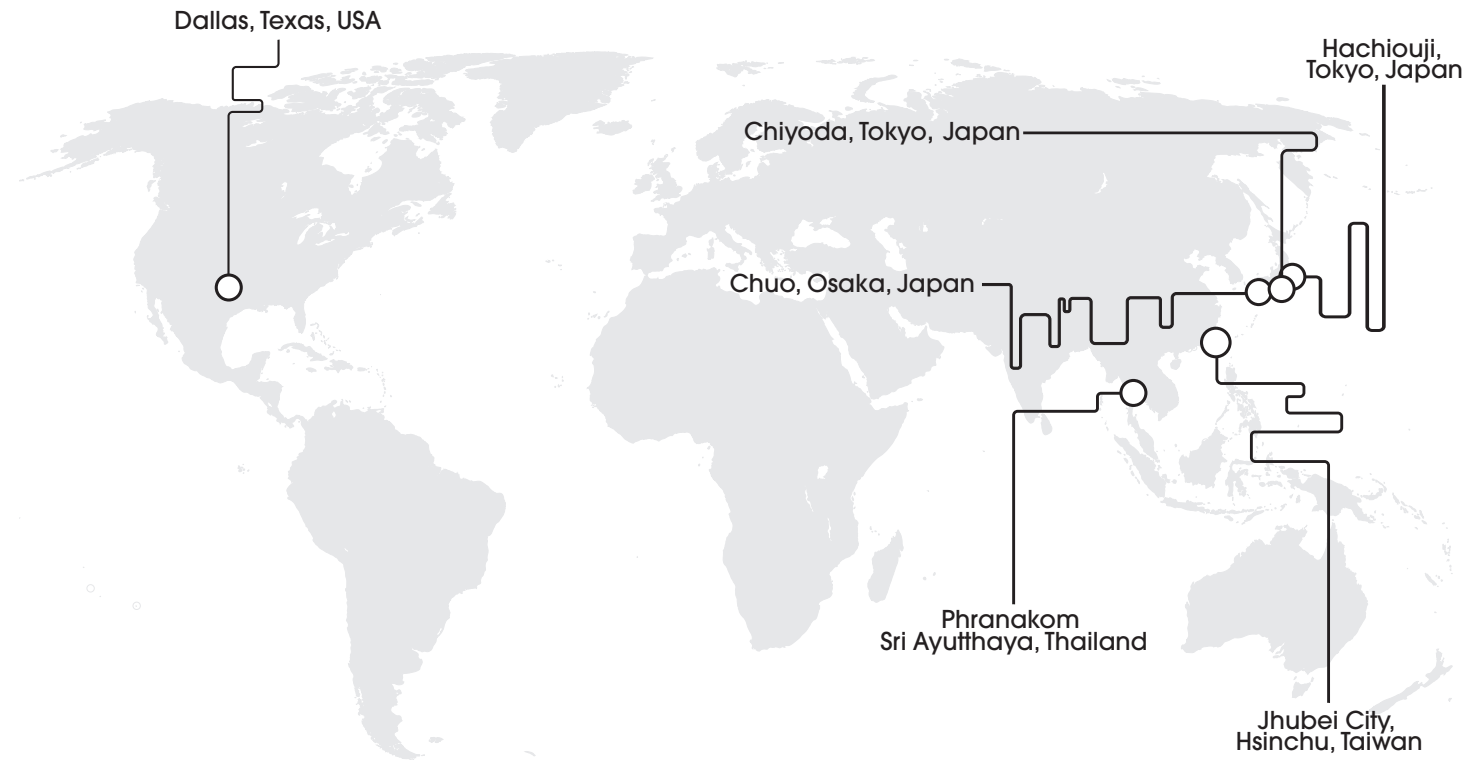


Sanwa Worldwide



Since 1947, Sanwa has grown to become a leading worldwide manufacturer of passive components for the telecommunication, data communication, and other industries.



SANWA ELECTRONICS USA CORPORATION

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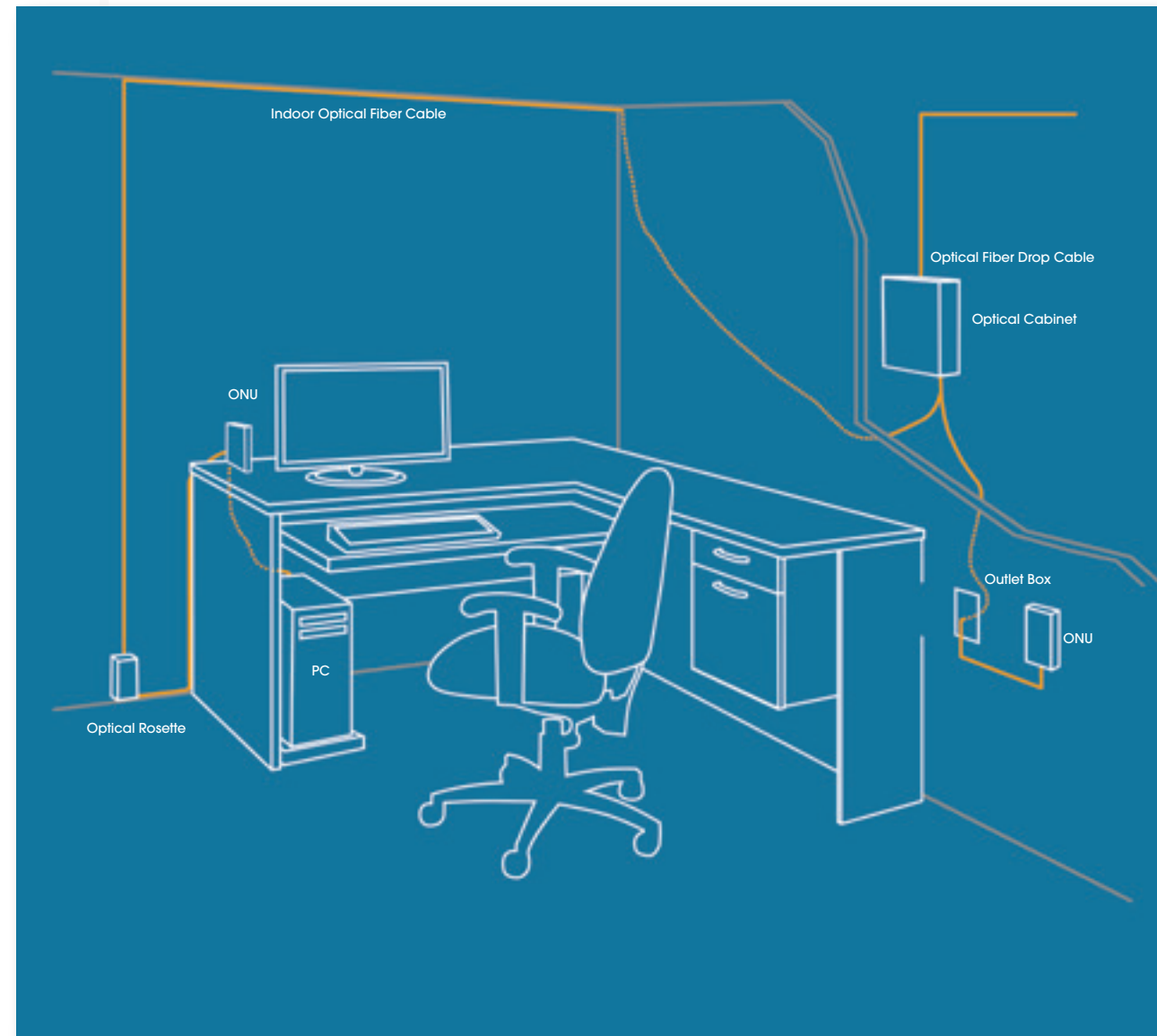
Sanwa brings you the future of connectivity:

FTTx



Only Sanwa can take you and your customers beyond FTTH to FTTx, by bringing optical cable connection to each and every room in the home.

Our proprietary technology - Sanwa Optical Rosettes, Optical Outlets, and the Sanwa SC Auto Shutter Connector and Adapter - make it possible. Instead of installing the ONU equipment outside, with Sanwa, the ONU unit is installed inside the property and the optical/electrical conversion takes place inside the room itself.



Sanwa Optical Rosette

The Sanwa Optical Rosette enables the fiber cable from the power pole or underground site to be brought indoors directly to a designated room, adjacent to a PC, television, or other terminal. Its streamlined, compact size means it can go anywhere and blend into its surroundings, beautifully. Choose from 3 types of Sanwa Optical Rosettes, each with unique functionality. Each is connected to the ONU by bend-free fiber cable. Excess fiber can be stored with R15 inside of the box. Each type is RoHS and UL compliant.

Sanwa Optical Rosettes			
	Rosette Type 1	Rosette Type 2	Rosette Type 3
Number of optical cable gates	4 directions and 1 from behind	3 directions and 1 from behind	2 direction and 1 from behind
Size	100(H) x 65(L) x 14(W) mm	110(H) x 70(L) x 16.4(W) mm	112(H) x 80(L) x 18.5(W) mm
Other features	Most compact rosette available	Can also be used for mechanical and fusion splice	Two fibers can be treated in one box, enabling the division of the data signal and video signal



Sanwa Optical Outlet

Bring ONU and fiber connections inside right next to the PC, TV, or other terminal. Sanwa Optical Outlets are built to be installed on an inside wall with the switch box stored inside the wall. There are 3 types of Sanwa Optical Outlets, each with unique functionality. Each is RoHS and UL compliant.

Sanwa Optical Outlets			
	Optical Outlet Type 1	Optical Outlet Type 2	Optical Outlet Type 3
Outlets include	Optic LAN Cable TV Phone	Optic LAN Cable TV Phone Power x 3 outlets	Optic LAN Cable TV x 2 outlets Phone Power x 3 outlets
Size	120(H) x 78(L) x 14(W) mm	120(H) x 126(L) x 14(W) mm	120(H) x 172(L) x 14(W) mm



Sanwa SC Auto Shutter Connector and Adapter

Built for superior dust and laser protection, the Sanwa SC Auto Shutter Connector and Adapter offers the ideal fit for in-house applications. When the connector is inserted into or extracted from the adapter, both shutters on the connector and the adapter open and close automatically, making it safe and easy to install and remove.

SC Auto Shutter Connector and Adapter Specifications	
SC Simplex	SM, MM, APC
Insertion Loss	Less than 0.3dB
Operation temperature	-40°F to +85°F
Flammability	UL94 V-O Grade
Telcordia	GR-326