KeyQuick® **KQ20** Strength Pull Design

In recent years the data communication capabilities supporting the Enterprise and Data Center markets have been expanding at breakneck spread. Fibre Optic Connector SC are commonly used in fibre optic backbone and horizontal application to provide high-speed data transmission. One of the most important consideration of KeyQuick® 20 is the excellent performance (**No light inside transparent body = connection under 0,1 dB**), and the easy to be assembled at the installation site by workers. Without the need of tools, our connector is accessible to be assembled by everyone without any special skill sets. The transparent body enables inmediate splice verification by our **Visual Fault Locator**. The splicing method is as simple as aligning the V-groove and sliding to tie-up the fibre. The "Sliding and V-groove Tie-up" splicing method is possible to clamp fibre and coated fibre with just a single part number. The qualification tests results ensure the quality of our products subjected to severe mechanical and environmental conditions.

Applications

• FTTx Systems.
• LAN, WAN and Metro Networks.
• Data Centers
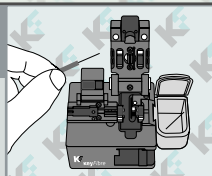• Networking Monitoring
• Telecomunication

Features

• Pre-polished connector
• No epoxy required
• No Tool or Jig required
• Transparent body for immediate connecting confirmation
• 30 seconds for connecting
• Mean Insertion Loss 0.2 dB
• Releasable after connecting
• Easy-to-install device
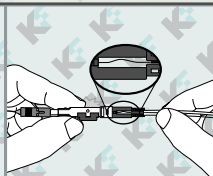• UL 94-V0. KeyQuick® 20 can pass the Underriters Laboratory (UL) Standard 94 Flammability Test
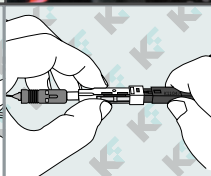
KeyQuick® Field Installable

keyFibre
KQ 20

0.1 Before connect

KeyQuick®
The best is yet to come

0.2 Connected
No light = perfect connection

ASSEMBLY PROCEDURE

Strip and cleave   Form a very small curve   Fit the boot

Individual blister   Ruler KQ20

Specifications

Cable Size	FTTH Indoor and Hard Drop Cable
Assembly Time	30 seconds (after fibre preparation)
Insertion Loss, Typical	0.2 dB
Return Loss	-60 dB Typical
Pull Strength (KGF)	Flat Cable Type: 3kgf
Operating Temperature (ºC)	-40 ~ +75
Materials	Engineering Plastics & Index matching gel (IMG)

59.60

9.00
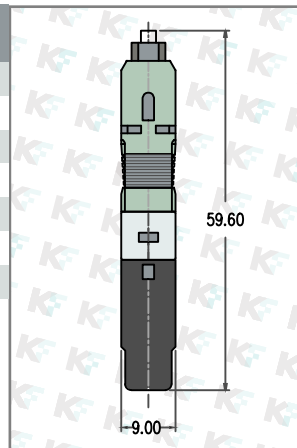
Part Number	Description	Housing color	Boot color	Pieces per Box	Box size (cm) L x D x H	Box Weight(Kg)
C-KQ20-SCA	KeyQuick® SC APC SM Connector G652D FTTH Flat	Green	Black	50	17,5 x 12,5 x 4,5	0,20
C-KQ20-SC	KeyQuick® SC UPC SM Connector G652D FTTH Flat	Blue	Black	50	17,5 x 12,5 x 4,5	0,20
FM-FOA-R20	Ruler KQ20					