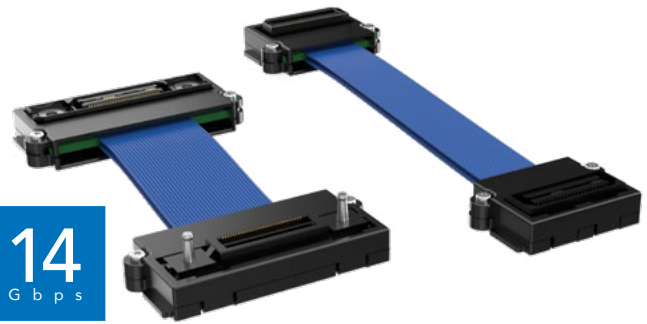


# Q STRIP® COAX CABLE ASSEMBLIES

14  
Gbps



(0.50 mm) .0197" & (0.80 mm) .0315" PITCH • HQCD/EQCD SERIES

## HQCD

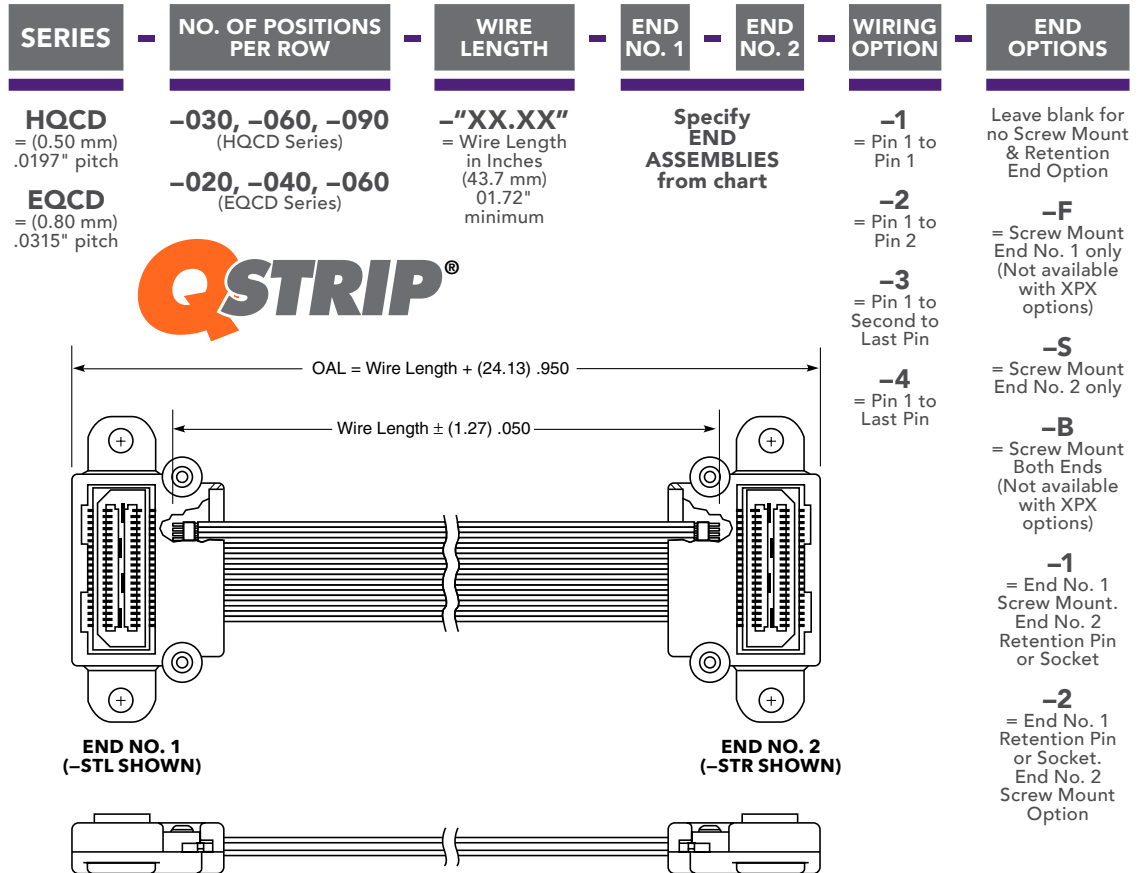
Mates:  
QTH, QSH

## EQCD

Mates:  
QTE, QSE

### SPECIFICATIONS

**Cable:**  
38 AWG micro coax ribbon  
**Signal Routing:**  
50 Ω Single-Ended  
**Overall Length:**  
(95.3 mm) 03.75" to  
(1 m) 40" standard  
**Cable Flexing Life:**  
>10,000 cycles  
**Cable Bending Radius:**  
<2.5mm  
**Plating:**  
Au over 50 μ" (1.27 μm) Ni  
**Current Rating:**  
EQCD = 500 mA per pin  
HQCD = 300 mA per pin  
(6 adjacent pins powered)  
**Cable Propagation Delay:**  
4.79 nsec/meter  
**Operating Temp Range:**  
-25 °C to +105 °C  
**Unmating Force (-RT1 option):**  
-RT1 option increases  
unmating force up to 50%



**EYE  
SPEED  
CABLE**



| END 1<br>or<br>END 2 | SURFACE MOUNT                       |
|----------------------|-------------------------------------|
| TTR                  | Terminal, Top Mount, Notch Right    |
| TTL                  | Terminal, Top Mount, Notch Left     |
| TBR                  | Terminal, Bottom Mount, Notch Right |
| TBL                  | Terminal, Bottom Mount, Notch Left  |
| STR                  | Socket, Top Mount, Notch Right      |
| STL                  | Socket, Top Mount, Notch Left       |
| SBR                  | Socket, Bottom Mount, Notch Right   |
| SBL                  | Socket, Bottom Mount, Notch Left    |

| END 1<br>or<br>END 2 | EDGE MOUNT                       |
|----------------------|----------------------------------|
| TEU                  | Terminal, Edge Mount, Notch Up   |
| TED                  | Terminal, Edge Mount, Notch Down |
| SEU                  | Socket, Edge Mount, Notch Up     |
| SED                  | Socket, Edge Mount, Notch Down   |

| END1<br>ONLY | PANEL MOUNT                       |
|--------------|-----------------------------------|
| TPU          | Terminal, Panel Mount, Notch Up   |
| TPD          | Terminal, Panel Mount, Notch Down |
| SPU          | Socket, Panel Mount, Notch Up     |
| SPD          | Socket, Panel Mount, Notch Down   |

**Notes:**  
Cable lengths longer than  
40.00" (1 meter) are not  
supported with S.I. test data.

This Series is non-standard,  
non-returnable.