



SLIM, DIRECT ATTACH CABLE ASSEMBLIES

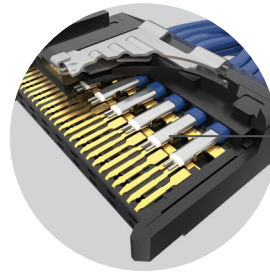
ACCELERATE® CABLE SYSTEM

ACCELERATE®

- Incredibly slim 7.6 mm width
- High-density 2-row design
- 8, 16 and 24 differential pairs, or 12, 24 and 36 single-ended signals
- 34 AWG, 100 Ω Eye Speed® and 92 Ω Thinax™ ultra low skew twinax cable
- 34 AWG, 50 Ω ThinSE™ micro coax cable with a .024" (0.61 mm) outer diameter; 5 Gbps NRZ
- Mixed differential pair and single-ended signaling available
- Mating board level socket features standard rugged weld tabs for increased stability on the PCB, vertical and right-angle
- Rugged metal latching and shielding
- PCIe® 6.0/CXL® 3.2 capable
- Flyover® systems simplify board layout and extend signal reach
- "Reversed Polarity" pinout option for reduced Far-End Crosstalk
- SI Evaluation Kit available, visit [samtec.com/kits](https://www.samtec.com/kits)

PAM 4

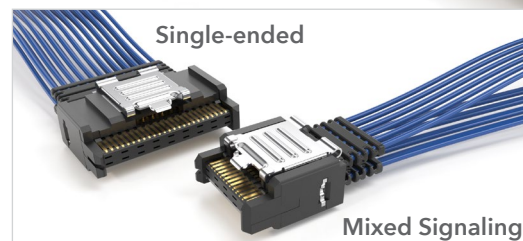
64
Gbps



Contacts directly soldered to the cable for improved signal integrity



Right-angle available



Single-ended and mixed signaling assemblies feature extended, flexible and rugged strain relief

SYSTEM

- ARC6 - 0.635 mm Pitch Cable, Differential Pair, Single-Ended & Mixed Signaling
- ARF6 - 0.635 mm Pitch Socket, Vertical
- ARF6-RA - 0.635 mm Pitch Socket, Right-Angle

For more about Samtec's AcceleRate® Cable, please visit [samtec.com/accelerate-cable](https://www.samtec.com/accelerate-cable)