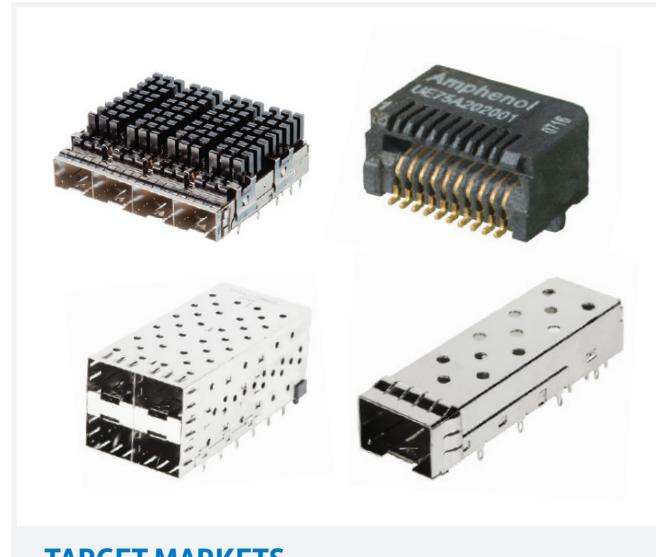


SFP

Amphenol ICC's SFP product family supports applications for up to 6Gb/s per channel. The connector accepts multiple transceivers per INF-8074i and combines, transmits, and receives functions in a low cost, compact format. The assemblies are designed to maximize valuable space on the PCB. The cages have a two-piece construction with enhanced transceiver mating tabs available in a Press-Fit version or a solder tail version. Light pipes are designed to deliver a "link" or "no link" status using LEDs attached on the PCB.



TARGET MARKETS



TECHNICAL INFORMATION

MATERIAL

- Housing: Black color, Glass reinforced, Lead Free Solder Reflow Process Compatible Thermo Plastic
- Contacts Base Material: Phosphor Bronze
- Plating Solder Tails: Matte tin or gold flash options
- Plating Mating Area: Gold
- Resonance Dampening Feature: Conductive Polymer

MECHANICAL PERFORMANCE

- Durability: 250 mating cycles
- Mating Force: 50 N max.
- Contact Normal Force: 100 grams
- PCB Thickness Solder-Post and Press-Fit (Cage): 1.45 mm (0.057in.)
- PCB Thickness Belly to Belly (Cage): 3.00 mm (0.118in.)
- Unmating Force (Cage): 11.50 N max.
- Insertion Force to PCB (Cage):
 - 500 N for 1 port (1x1 cage)
 - 1000 N for 2 port (1x2 cage)
 - 2100 N for 4 port (1x4 cage)
 - 3000 N for 6 port (1x6 cage)

ELECTRICAL PERFORMANCE

- Operating Voltage: 30 VDC per contact
- Operating Current: 0.5 A per contact
- Differential Impedance: $100\Omega \pm 10\Omega$

ENVIRONMENTAL

- Operating and (Storage) Temperature: -55° to $+85^\circ\text{C}$
- RoHS & Halogen-Free

TOOLING INFORMATION

- Configurations:
 - 1XN ($N = 1,2,3,4,6$)
 - 2XN ($N = 1,2,4,5,6,8$)

TARGET MARKETS/APPLICATIONS



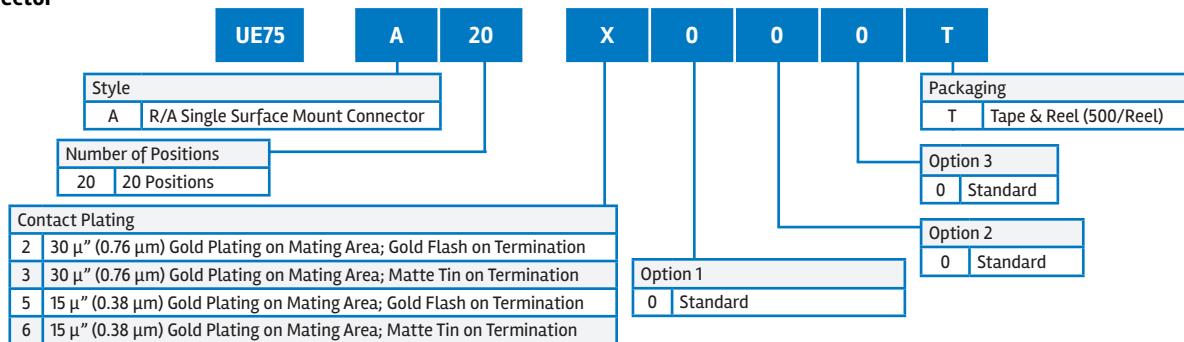
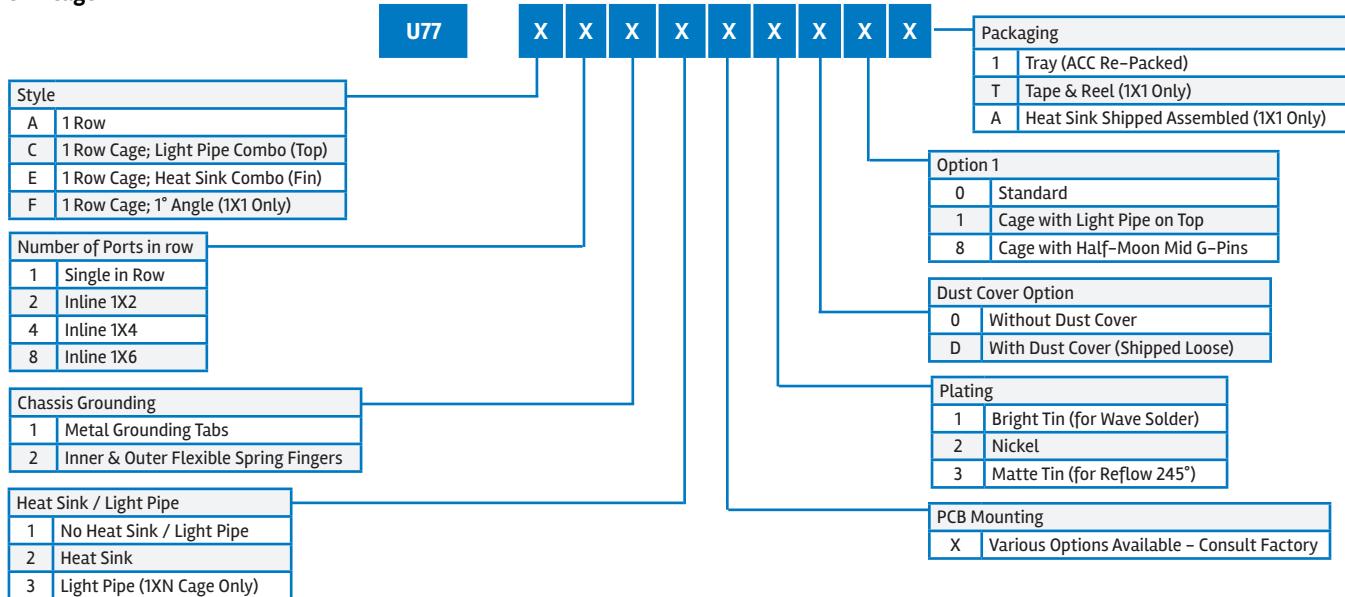
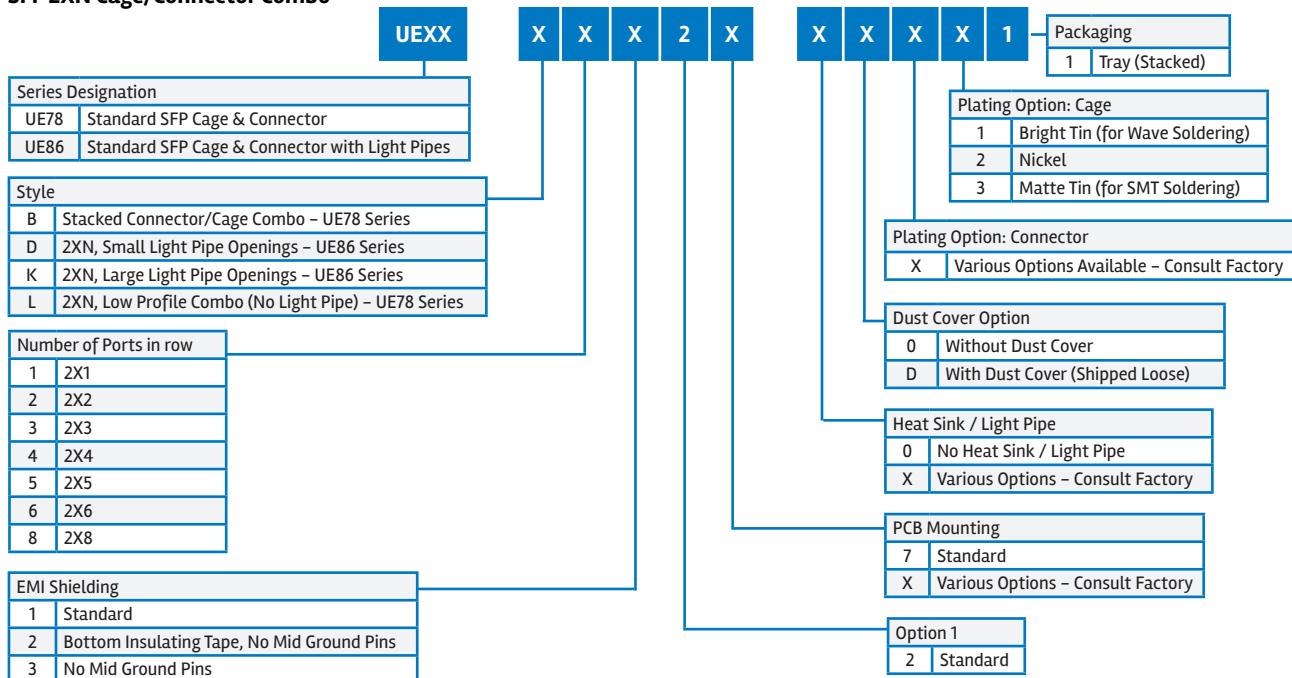
Cellular Infrastructure
Network Interface



Hubs
Servers
Storage



Test and Measurement Equipment

SFP Connector

SFP Cage

SFP 2XN Cage/Connector Combo


Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[U77C41102011](#) [U77A61102001](#) [U77C21141011](#) [U77C21142011](#) [U77A41141D01](#) [U77A21102D01](#) [U77A11141001](#)
[U77A11141D01](#) [U77A11131D01](#) [U77A11131001](#) [U77A41141001](#) [U77C41142011](#) [U77A11182001](#) [U77A21142001](#)
[U77A21102001](#) [U77A11181001](#) [U77A21101D01](#) [U77C61142011](#) [U77A61142D01](#) [U77A61141D01](#) [U77A41102001](#)
[U77A11121001](#) [U77A41101001](#) [U77A11181D01](#) [U77A21142D01](#) [U77A61141001](#) [U77A41142D01](#) [U77A21101001](#)
[U77C41141011](#) [UE75A202000T](#) [UE75A202001T](#) [UE75A206000T](#) [U77C61102011](#) [U77C21102011](#)
[U77C11182011](#) [UE75A205000T](#) [U77A11133001](#) [U77C41101011](#) [UE78B212700321](#) [UE86D412710321](#)
[U77A111L3071](#) [U77A111430L1](#) [UE86D612710321](#) [UE86D212710321](#) [U77A1112300T](#) [UE86K212710321](#)
[U77A11123001](#) [U77A11131D0T](#) [U77A11282001](#) [U77A1113100T](#) [U77A111430LT](#) [U77E11282001](#) [U77C61101011](#)
[U77C21101011](#) [U77A11143001](#) [U77C11181011](#) [UE86K112710621](#) [U77A1114300T](#) [U77E41242031](#)
[U77C211H2011](#) [UE78B112600621](#) [U77A61101001](#) [U77A1118100T](#) [UE78B532700321](#) [U77E11D82001](#)
[U77E16E33001](#) [U77A413H2001](#) [U7711116061P](#) [U77A17383061](#) [U77A461M3081](#) [U77C461A2081](#) [U77A16N92001](#)
[U77A261H2071](#) [U77A17382061](#) [U7711122010P](#) [U77C461M3081](#) [U771140802BP](#) [UE86K412710621](#)
[U77A12182001](#) [U77A1114300R](#) [U77C41142D11](#) [U77A111330L1](#) [U77A11108006P](#) [U77A613H2001](#)
[UE78B112600221](#) [U77A111330LT](#) [U77A111G2001](#) [U77A111430LR](#) [UE86K432710321](#) [U77C611H2011](#)
[U77A111L2071](#) [U77C411H2011](#) [U77C11182D11](#) [U77A111L3081](#) [U77A11282021](#) [UE86K412720621](#)
[UE86K412720321](#) [U77C11172011](#) [U77A111230LT](#)