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| REVISIONS |                 |          |           |
|-----------|-----------------|----------|-----------|
| REV       | DESCRIPTION     | DATE     | APPROVED  |
| A         | INITIAL RELEASE | 09/21/21 | PHOSPODAR |
|           |                 |          |           |
|           |                 |          |           |

| PARAMETER      | SPECIFICATION                 |
|----------------|-------------------------------|
| FIBER TYPE     | G.657A1 OR EQUIVALENT         |
| CONNECTOR TYPE | MPO MALE APC                  |
| ADAPTER TYPE   | MPO UP TO DOWN ADAPTER, BLACK |

| COM  | NETWORK PORTS | MONITOR PORTS |
|------|---------------|---------------|
| X- 1 | Y- 12         | X OUT - 12    |
| X- 2 | Y- 11         | X OUT - 11    |
| X- 3 | Y- 10         | X OUT - 10    |
| X- 4 | Y- 9          | X OUT - 9     |
|      |               |               |
| Y- 1 | X- 12         | Y OUT - 12    |
| Y- 2 | X- 11         | Y OUT - 11    |
| Y- 3 | X- 10         | Y OUT - 10    |
| Y- 4 | X- 9          | Y OUT - 9     |

| ITEM NUMBER         | SPLIT | WAVELENGTHS        | INSERTION LOSS PER SPLIT | PDL    | RETURN LOSS | DIRECTIVITY |
|---------------------|-------|--------------------|--------------------------|--------|-------------|-------------|
|                     |       | nm                 | dB                       | dB     | dB          | dB          |
| PTAP-5050-SMMPO-LGX | 50/50 | 1310±40<br>1550±40 | 4.3/4.3                  | ≤ 0.15 | ≥ 50        | ≥ 55        |
| PTAP-6040-SMMPO-LGX | 60/40 |                    | 3.4/5.4                  |        |             |             |
| PTAP-7030-SMMPO-LGX | 70/30 |                    | 2.6/6.7                  |        |             |             |
| PTAP-9802-SMMPO-LGX | 98/2  |                    | 1.0/19.6                 |        |             |             |

|                                                                                                                                                                                                                   |  |                                                                |  |                                           |  |                                                                                                            |  |                                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|-------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES [mm]                                                                                                                                                      |  | APPROVALS                                                      |  | DATE                                      |  | <br>an INFINITO brand |  | 10701 Airport Road,<br>Hayden, ID 83835<br>Phone: 1.208.635.6400<br>Fax: 1.208.955.2041 |  |
| OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤60 [1524] = +2 [51] / -0<br>>60 [1524] ≤120 [3048] = +4 [102] / -0<br>>120 [3048] ≤300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0 |  | DRAWN BY                                                       |  | 09/21/21                                  |  | CATEGORY                                                                                                   |  | FIBER OPTIC                                                                             |  |
| ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = .2 [5]      FRACTIONS<br>.XX = .02 [.5]    ± 1/32<br>.XXX = .005 [.13]    ANGLES ± 1°                                                                                   |  | CHECKED BY<br>JLABOY                                           |  | 09/21/21                                  |  |                                                                                                            |  |                                                                                         |  |
|                                                                                                                                                                                                                   |  | APPROVED BY<br>PHOSPODAR                                       |  | 09/21/21                                  |  |                                                                                                            |  |                                                                                         |  |
| THIRD-ANGLE PROJECTION                                                                                                                                                                                            |  | CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY |  | PRODUCT DESCRIPTION                       |  |                                                                                                            |  |                                                                                         |  |
|                                                                                                                              |  | COLOR VARIATIONS<br>MAY OCCUR                                  |  | PASSIVE OPTICAL TAP, SMF MPO12 CONNECTORS |  |                                                                                                            |  |                                                                                         |  |
|                                                                                                                                                                                                                   |  |                                                                |  | SIZE<br><b>A</b>                          |  | CAGE CODE<br><b>30992</b>                                                                                  |  | ITEM NO.<br>PTAP-XXXX-SMMPO-LGX                                                         |  |
|                                                                                                                                                                                                                   |  |                                                                |  | SCALE: NONE                               |  | CAD FILE: ptap-xxxx-smm-po-igx.SLDDRW                                                                      |  | SHEET 1 OF 1                                                                            |  |